



Neurofluence

DESIGNING FUTURE WITH EXCELLENCE

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2024

JANUARY - MARCH

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

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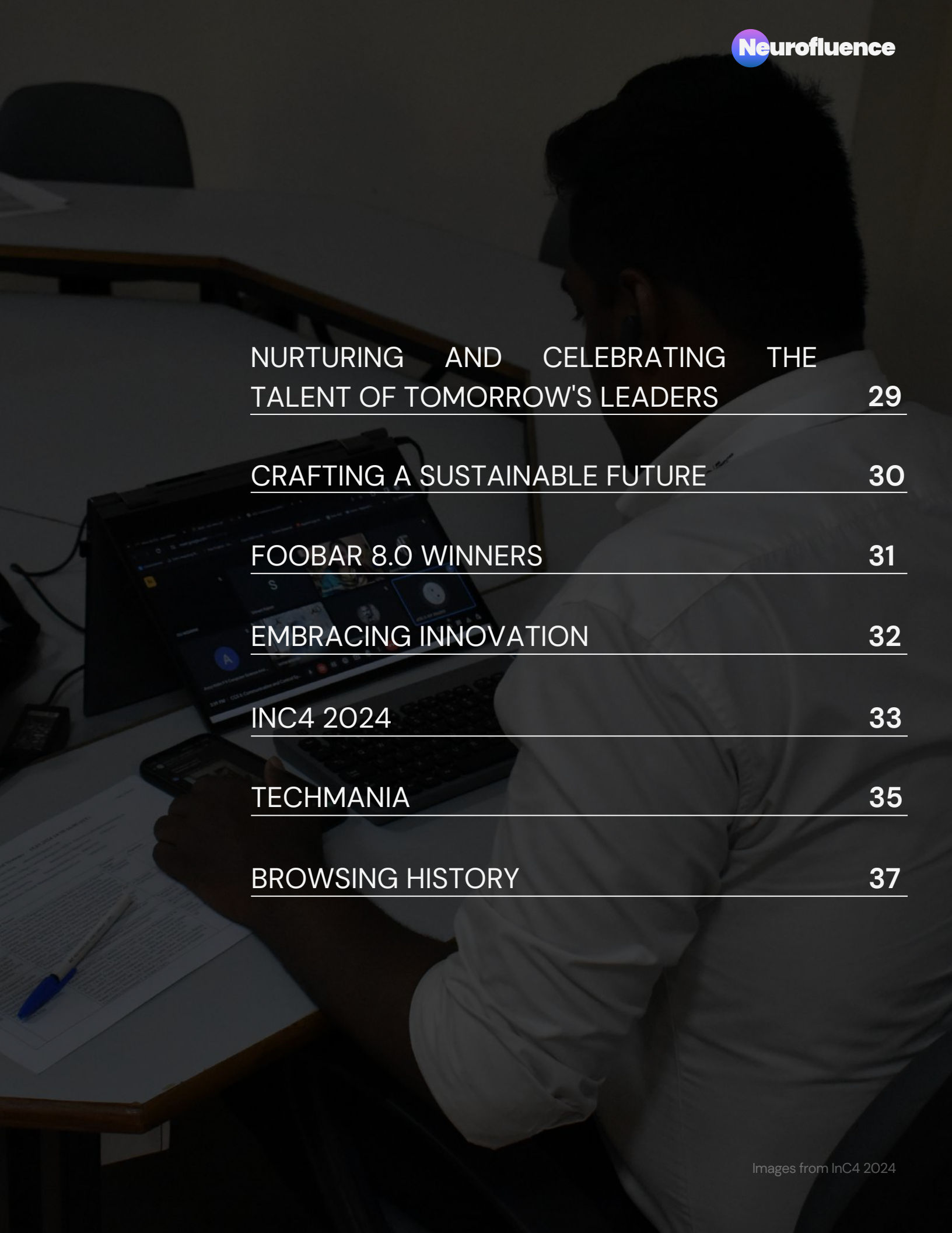
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A dark, high-contrast photograph of a person in a white shirt sitting at a desk, working on a laptop and holding a smartphone. The scene is dimly lit, with the person's face and hands highlighted by the light from the devices.

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MES S A G E FROM H O D



“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
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MESSAGE FROM THE EDITOR

The Department of Computer Science and Engineering is thrilled to announce the release of the sixth volume, issue four, of its official newsletter, "Neurofluence," for the academic year 2023-24. This edition will unpack FOOBAR 8.0, ASCII's annual event, 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 the 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



e-F@ctory Solutions

The Technical Talk titled "e-F@ctory" held on January 8, 2024, commenced with Dr. Mary Anita's welcoming address, followed by Mr. Vishal Kulkarni's detailed discourse on "e-F@ctory Solutions." He delved into Mitsubishi Electric's innovations and their impact on manufacturing processes. The event, fostering academia-industry connections, concluded with gratitude towards Mr. Kulkarni for sharing his expertise. The formal vote of thanks highlighted the session's enriching experience for students and faculty, emphasizing its role in knowledge exchange. Dr. Anita's introduction set the stage for a comprehensive exploration of industry trends, making the event a platform for insightful discussions on transformative technologies.



Leadership and Teamwork

On January 13, 2024, a Guest Talk on Leadership titled "Leadership and Teamwork" addressed critical aspects such as Critical Thinking, Decision Making, Internal Motivator/Driver Measurement, and Behavioral or Communication Style Measurement. The session emphasized the significance of effective leadership in fostering teamwork and achieving organizational goals through a comprehensive exploration of these essential elements.

Seminar on Innovations and IPR

The Seminar on Innovations and IPR, held on January 8th and 9th, 2024, featured speakers Debarka M and Avishek C. Debarka M shared insights into copyright, including the Indian Copyright Act of 1957, rights of paternity and integrity, and steps for filing. Avishek C discussed patent rights, terms, limitations, types of inventions ineligible for patents in India, filing procedures, and the confidentiality of patent office information. Their presentations provided attendees with comprehensive knowledge about copyright,

patent laws, and procedures for protecting intellectual property rights.

Navigating Career Shifts in the IT Sector

The Seminar titled "Navigating Career Shifts in the IT Sector," held on February 5th, 2024 focused on the evolving landscape of information technology and its impact on human behaviour. Key takeaways included recognizing profit opportunities in every aspect, the role of laziness in driving innovation exemplified by Zomato payments, complexities arising from democratization in IT, logistical challenges posed by global databases, the importance of embracing automation like ChatGPT, and the significance of domain expertise for effective AI utilization. Attendees were advised to understand the intersection of business, technology, domain knowledge, and data analysis for career sustainability in the IT sector.



Workshop on Cyber Security - Ethical Hacking

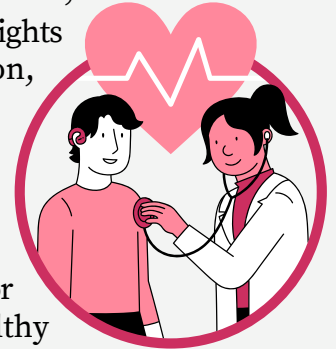
The two-day online workshop titled "Cyber Security - Ethical Hacking," held on January 9th and 12th, 2024, aimed to provide Honors students with hands-on experience and theoretical knowledge in cybersecurity. Led by an expert resource person, the workshop covered essential areas such as virtualization, network scanning, web application security, information gathering, password cracking, and firewall implementation. Day one focused on virtualization with practical sessions on using Nmap for network scanning and Burp Suite for web application security testing. Day two delved into advanced topics including information gathering techniques, password cracking methods, and firewall implementation. Practical exercises included tracking live CCTV cameras, password cracking on VirtualBox Windows 10, and firewall bypassing demonstrations. By combining theoretical concepts with hands-on experience, the workshop aimed to equip students with the necessary skills to tackle dynamic challenges in the cybersecurity domain.



Sharing passwords or any credentials poses significant risks to your online security. Keep your login information confidential to protect yourself online.

Workshop on Awareness on Healthy Lifestyle

The "Awareness on Healthy Lifestyle" workshop, conducted on February 16th, 2024, covered essential topics such as diabetes and hypertension. The session provided comprehensive insights into diabetes, including its chronic nature, key sources of energy, progression, symptoms, and risk factors. It highlighted the importance of blood tests such as HbA1c and Fasting Plasma Glucose for diagnosis. Additionally, the workshop addressed hypertension, emphasizing its global prevalence, risk factors, and the significance of blood pressure monitoring. Practical lifestyle recommendations were provided, including the DASH diet for hypertension management and strategies for cortisol regulation through stress management techniques, exercise, and healthy sleep habits. The session concluded with guidance on maintaining healthy relationships and enjoying life, reinforcing the importance of holistic well-being in preventing chronic health conditions. Attendees gained valuable knowledge to support their journey towards a healthier lifestyle.



Solar – The Unlimited Oil for Environmental Sustainability

The seminar titled "Solar - The Unlimited Oil for Environmental Sustainability" on January 16, 2024, featured Dr. Lakshmi Santhanam, an expert in the field. Beginning with a welcome speech, the session covered topics such as the power, popularity, and benefits of solar energy, as well as its climate impact and various application areas. Dr. Santhanam's presentation delved into the possibilities and market segments of solar energy, engaging attendees in a participatory Q&A session. The event concluded with expressions of gratitude and a token of appreciation presented to Dr. Santhanam. Participants praised the well-organized structure and insightful content, offering positive feedback on the session's quality and learning outcomes.

Career Guidance Session

The "Career Guidance Session" on January 5th, 2024, featured Mr. Anish, who shared pivotal moments from his professional journey and insights into future concerns. He emphasized the importance of soft skills such as communication, etiquette, and teamwork for success in the IT industry. Discussion extended to future technologies like the "GIG" work culture, highlighting the dynamic nature of work and the importance of personal development and resilience. Mr. Anish guided attendees through systematic career planning, emphasizing self-awareness and aligning strengths with career choices. Stressing the significance of learning recent technologies, he urged students to adapt to industry requirements. The session concluded with a vibrant Q&A, offering attendees a deeper understanding of the topics discussed.



Bridging the Gap from Classroom to Career for Futuristic and Modern Employment in the world of AI and Data Science

The "Bridging the Gap from Classroom to Career for Futuristic and Modern Employment in the world of AI and Data Science" technical talk on January 19, 2024, led by Mr. Raja Gopal, focused on understanding the transformative impact of AI and Data Science, highlighting numerous career opportunities and the essential preparation needed. With insights into the evolving landscape of AI, Mr. Raja Gopal emphasized its transformative impact across industries and discussed opportunities for data science professionals. Addressing the gap between academic learning and industry applications, practical tips were shared to bridge this divide effectively, including engaging in hands-on projects and staying updated with industry tools. The session proved invaluable for 2nd and 3rd-year Data Science students, offering a deeper understanding of field challenges and opportunities. Dr. Kukatlapalli Pradeep Kumar and Dr. Sandeep Kumar extended gratitude to Mr. Raja Gopal, marking a successful event preparing students for a promising career in AI and Data Science.



Tech Leadership, Entrepreneurship & Opportunities in Data Science

Mr. Pawan Kumar's technical talk on "Tech Leadership, Entrepreneurship & Opportunities in Data Science" on February 27, 2024, provided insights into the interconnected fields driving innovation in the digital era. Key takeaways included: Effective tech leadership involves vision, strategy, and communication skills. Entrepreneurship in tech requires resilience and adaptability. Data science empowers leaders and entrepreneurs to make strategic decisions and drive business growth. Understanding data science principles enables leaders to anticipate market shifts and optimize operations. Entrepreneurs can leverage data science for product development and market analysis. Leadership in data-driven organizations entails fostering a culture of data literacy and innovation. The talk emphasized the importance of embracing data-driven approaches for success in the evolving digital landscape.

Sustainable Villages

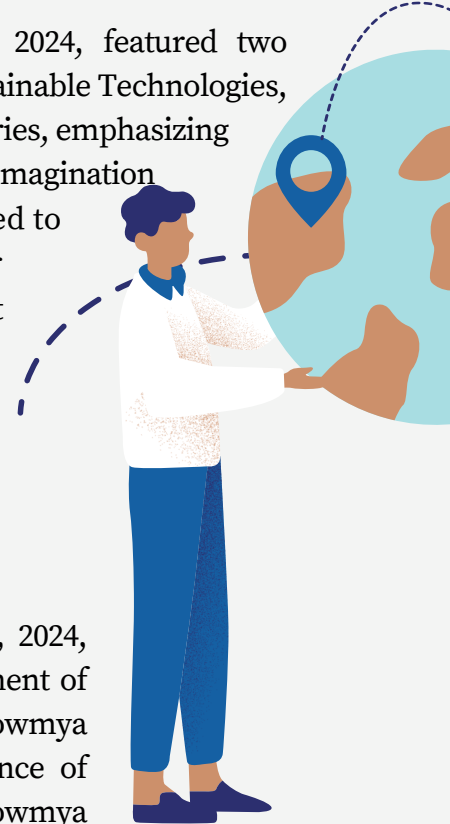
The Technical Talk on Sustainable Villages held on February 12th, 2024, featured esteemed speakers Mr. Atchuta Rao, founder of Estah Society, and Mr. Stalin from IIM-Bangalore. Mr. Rao emphasized the importance of smart and sustainable villages, showcasing various projects undertaken by Estah Society across multiple domains. His dedication to fostering resilient communities through technology was commendable. Mr. Stalin's address illuminated the path toward sustainable



development, offering insightful strategies for creating a sustainable future. The session concluded with a token of appreciation presented to the speakers, acknowledging their valuable contributions to the discourse on sustainable village development.

Sustainable Technologies

The Technical Talk on Sustainable Technologies held on February 12th, 2024, featured two distinguished speakers. Mr. Ganesh Shankar, CEO and Founder of FlexGen Sustainable Technologies, highlighted the company's mission to enhance water usage monitoring in industries, emphasizing the "4 circles" approach for sustainable technology development: Social Impact, Imagination Technology, and Scalability. FlexGen's focus on SDGs 6, 9, 12, and 13 has led to significant water conservation achievements, recognized even by Prime Minister Narendra Modi. Mr. Lakshmi Narasimhan L, APJC Partner Business Development Manager at Cisco, shared insights into implementing FlexGen products and public water measuring systems in Uttarakhand, contributing to effective water management. Their presentations underscored the importance of innovation and collaboration in achieving sustainability goals.



Industrial IoT and Digital Twin

The Technical Talk on Industrial IoT and Digital Twin, held on January 4th, 2024, commenced with a welcome address by Dr. Mary Anita, Head of the Department of Computer Science and Engineering. Speakers Mr. Vasudev Akkala and Ms. Sowmya Vatsan provided insightful discussions on industry trends and the significance of Industrial IoT, followed by an elucidation of Digital Twin Technology by Ms. Sowmya Vatsan, focusing on its application in Rockwell Automation. The session concluded with an interactive session where students engaged with the speakers, culminating in the felicitation of the speakers and a vote of thanks. The event facilitated knowledge exchange and awareness of emerging technologies in the industry.

Future Opportunities in IT Industry and How to be Industry Ready

The Career Guidance Session on "Future Opportunities in IT Industry and How to be Industry Ready," held on January 20th, 2024, featured Mr. Shashank Hegde as the esteemed speaker. The session commenced with a warm welcome speech, followed by Mr. Hegde's insightful seminar. He emphasized the importance of core skills for engineers in both core and service-oriented companies, as well as opportunities with international and SAAS companies. Mr. Hegde highlighted key skills essential for engineers, including problem-solving techniques, deep subject knowledge, communication skills, root cause analysis, and teamwork. These skills, he emphasized, bridge the gap between academia and industry, preparing students for real-world challenges. The event concluded with a vote of thanks and the presentation of mementos. Attendees gained a comprehensive understanding of future opportunities in the IT industry and the requisite skills needed for success.

Enhancing your Entrepreneurship Skills

The Career Guidance Session on "Enhancing your Entrepreneurship Skills using Transdisciplinary approach along with Industry Micro Credentials for Education and Research," held on January 25th, 2024, emphasized key takeaways for aspiring entrepreneurs. The session aimed to raise awareness about starting one's own industry or organization, motivating students to leverage their domain knowledge for entrepreneurship, and inspiring young minds to contribute to technology and medicine fields. Attendees gained insights into becoming entrepreneurs by harnessing innovative ideas aligned with their domain expertise, fostering a transdisciplinary approach to entrepreneurship. The talk provided valuable knowledge for students looking to embark on entrepreneurial ventures, encouraging them to utilize their skills and knowledge effectively in the entrepreneurial landscape.



Breaking Boundaries by Navigating Gender Stereotypes

The Guest Talk on "Breaking Boundaries by Navigating Gender Stereotypes," held on January 23rd, 2024, featured speakers Ms. Smitha Keeran Warriar and Ms. Ranjini S, who delved into various aspects of gender stereotypes. Ms. Smitha Keeran Warriar covered topics such as defining stereotypes and gender stereotypes, exploring historical and cultural norms, and highlighting the impact of stereotypes on opportunities. Additionally, Ms. Ranjini S discussed the negative effects and challenges of gender stereotyping, including psychological and social consequences, gender inequality, and strategies for overcoming stereotypes. Real-life examples were shared, showcasing individuals who challenged stereotypes, and educational initiatives and workplace policies promoting gender equality were explored. The session aimed to raise awareness and encourage actions to challenge and break free from gender stereotypes, fostering a more inclusive and equitable society.

Data Science and Biotechnology with AI and Digital Innovation

The International Event titled "Guest Talk on Data Science and Biotechnology with AI and Digital Innovation by Professors of University of Bath" held on January 31, 2024, provided key insights into the intersection of data science, biotechnology, AI, and digital innovation. Key takeaways included discussions on the relevance of data science and biotechnology for AI discovery, breakthroughs in these fields, the science behind big data and biotechnology, and how technology and digital innovations are shaping the future of engineering and design. The session also highlighted student and faculty research projects, opportunities for studying



the University of Bath, and collaborative projects aimed at leveraging these interdisciplinary domains for future advancements.



Elevating Data Analytics through AI and AWS

The Refresher Course titled "Elevating Data Analytics through AI and AWS" held from January 29 to January 31, 2024, covered various topics essential for enhancing data analytics skills. Day 1 focused on the basics of Data Analytics, introduction to Regression Algorithm, and its implementation using Python. Participants learned about statistical analysis, predictive modeling, and how to utilize Python libraries like scikit-learn for regression analysis. Day 2 delved into GPU Computing, CUDA Framework, and Deep Learning, exploring the computational aspects, tools, and applications of neural

networks in tasks such as image recognition and natural language processing. Day 3 introduced participants to Amazon Web Services (AWS), including launching EC2 instances, configuring S3 storage, and hosting static websites. Additionally, AWS Athena was discussed, providing insights into serverless querying of data stored in S3 using SQL. Overall, the course provided a comprehensive understanding of data analytics techniques, regression algorithms, Python implementation, GPU computing, deep learning, and AWS services. Participants gained valuable insights into leveraging data for informed decision-making and deploying applications on the cloud.

Human Values for Progress in Professional Life

The seminar titled "Human Values for Progress in Professional Life," held on January 5, 2024, emphasized the importance of human values in the workplace. Through real-life examples and interactive activities, the speaker highlighted the significance of communication and collaboration. Students participated in group tasks to demonstrate the power of effective communication and teamwork, reinforcing the role of collaboration in professional success. The speech underscored how human values guide interactions and create bonds of humanity among individuals. Overall, the seminar aimed to instill values that promote harmonious and productive professional environments





A DAY AT DAKSH

TRANSFORMING IDEAS INTO INNOVATION

By Vedika Pareek
University Student Council Member

As the sun rose on January 5th, I eagerly joined my fellow volunteers at the central campus for the start of Daksh. With dedication and creativity, we transformed our stall into a captivating showcase of our department's achievements in Computer Science. The focal point, a tree crafted by our talented students, illustrated the diverse specializations available in our B.Tech program.

Throughout the day, our efforts bore fruit as students engaged with our projects and games, sparking lively discussions about career opportunities in the field. It was gratifying to see participants eagerly learn about different specializations and receive guidance from volunteers, SSCs, and faculty members.

The visit of the Mysore King added a touch of grandeur to the event, capping off a day filled with camaraderie and learning. With nourishing meals provided by the college and energizing snacks to keep us going, we wrapped up the day feeling accomplished and excited for what Daksh had in store. As we closed the stall and headed home, I reflected on the meaningful connections made and the invaluable experiences shared during Daksh.





ALUMNI INTERACTIONS

A L U M N I T E C H T A L K S E R I E S

From Numbers to Narratives: Crafting Stories through Business Analysis

A one-day workshop titled "A Hands-On Session on Tableau - From Numbers to Narratives: Crafting Stories through Business Analysis" equipped Honors in Data Analytics students with practical skills in data manipulation and analysis. Held on March 1st, 2024, the session covered essential areas like data gathering, cleaning, visualization, and implementation of business analysis using Tableau, a popular data analytics software. Students gained experience in importing and exporting data between Tableau and other databases, setting up the software for big data applications, and using it for real-world scenarios. Interactive sessions focused on data visualization and explored concepts of predictive analytics in business environments. This combination of theoretical knowledge and practical exercises prepares students for the demands of the data analytics industry.

Recent Trends in Aviation

Christ University's CSE department and NCC Airwing hosted a "Recent Trends in Aviation" Tech Talk on February 7th, 2024. Led by alumnus Pilot Sanjog Michael Nazareth, the event offered a thrilling look into the world of aviation. Captain Nazareth debunked the mystery surrounding pilot careers. He detailed the path from initial licensing to specialized training, emphasizing the dedication required for success. Through captivating presentations, attendees experienced the pilot's life firsthand, witnessing pre-flight checks and the challenges of mid-flight situations.

The talk wasn't just about flying skills. Captain Nazareth stressed the importance of technology in modern aviation. Advancements contribute to safer and more efficient flights, showcasing the crucial link between human expertise and technological innovation. For aspiring pilots, Captain Nazareth provided a roadmap. He highlighted the importance of comprehensive training and real-world experience, equipping students with the knowledge to pursue their dreams of taking flight.

Improve, Adapt, Overcome

On February 16th, 2024, the Alumni-Student Connect Initiative (ASCII) at Christ University hosted the 5th session of their popular Alumni Tech Talk Series. Titled "Improve, Adapt, Overcome," the event featured alumnus Ryan V. Fritz. Leveraging his experiences during and after college, Fritz offered valuable advice to current students in an interactive session. The focus? Strategies for success in both academic and professional settings. Fritz emphasized the importance of taking initiative and starting efforts early – a

message delivered with honest perspectives, providing a valuable reality check for the students. Through his personal anecdotes and practical advice, Fritz equipped students with the tools they need to thrive in college and their future careers. This engaging session exemplifies ASCII's commitment to connecting students with experienced alumni who can offer valuable guidance for navigating the challenges and opportunities that lie ahead.

Cybersecurity in the Automobile Industry

On January 13th, 2024, the Alumni-Student Connect Initiative (ASCII) at Christ University presented the 4th installment of their Alumni Tech Talk Series. This session, titled "Cybersecurity in the Automobile Industry," featured alumnus Pavan Kumar Prasad. Prasad, leveraging his expertise, offered a deep dive into how the automotive industry is safeguarding itself in the digital age. The interactive session focused on asset protection strategies within the connected car landscape. Prasad emphasized the importance of understanding the security environment, the assets at risk, and the various encryption and cryptography standards employed. He highlighted the need to integrate these elements with data integrity measures to achieve maximum security across different automotive segments.

Hands-on practical session on Cybersecurity concepts

BTech 2nd year Honors students at Christ University bolstered their cybersecurity skills at a one-day workshop on February 23rd, 2024, led by alumnus Mr. Affan Ahamed. The session, titled "Hands-on practical session on Cybersecurity concepts," provided a practical complement to classroom learning. Students gained hands-on experience with essential cybersecurity tools. They tackled topics like understanding modern cyber threats, crafting firewalls for defence, and network fundamentals. The workshop even ethically explored hacking techniques, using tools like Ettercap and Wireshark to gain insights into attacker tactics and develop defensive strategies. This comprehensive approach, combining theory with practice, equips students with the knowledge to confront the evolving challenges of the cybersecurity landscape.

Departmental Annual Alumni Meet

The Annual Alumni Meet (Departmental) was held on 26th January 2024 started at 9:30 am by welcoming all the alumni and faculty members. The meeting was graced by the presence of all the CSE faculty members and alumni association members of various batches starting from 2012 to 2023 as participants. The welcome address was given HoD of Civil Engineering, Dr. Raghunandan Kumar R. A briefing on Latest developments in the Computer Science and Engineering Department, School of Engineering and Technology was given by Associate Professor Dr. Naveen J. The Associate Dean of SoET & HoD of CSE, Dr. Mary Anita E A acknowledged the alumni fraternity's participation in alumni initiatives and wishes for a successful endeavour. Few alumni also spoke on what they felt the industry needed and how the curriculum could be tweaked to meet the needs of the industry. Finally, the event ended with a high tea and group photo.

We extend our heartfelt gratitude to our esteemed alumni for their invaluable guidance and insights shared with our students.



FACULTY PUBLICATIONS

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OTHER NOTABLE ACHIEVEMENTS

N Monisha (2160439) secured 2nd place in Blossoms 2024 - Photography event at Christ (Deemed to be University) on January 18, 2024.

Ashish Roy (2262408) participated in Blossoms (JAM) and Tech Utsav events at Christ University on January 26, 2024, and February 12, 2024, respectively.

Christa T S (2162415) participated in the Present and Future Computing Systems Workshop at IISC Bangalore from January 12, 2024, to January 15, 2024.

Esther Maria Kurian (2160433) participated in Tech Utsav 2024 and Foobar 8.0 - ConnectXpo at Christ (Deemed to be University) on February 13, 2024, and February 9, 2024, respectively.

Sakaham Sharma (2262251) secured the Runner-up position in the Devdan Cup Table Tennis on February 12, 2024.

Adarsh Ramani (2261001) participated in Foobar 8.0 (ACE Clutch) and the Blossoms Photography Competition at Christ (Deemed to be University) on February 10, 2024.

Suryansh Pandey (2262445) clinched the 1st Prize in the Battle of Code held at ACS Engineering College on February 21, 2024.

Nitin Peter (2260407) participated in Tech Utsav, Magnovite, and Blossoms events at CHRIST (Deemed to be University), Kengeri Campus in February 2024, volunteering for Magnovite

Aishwarya Chundru, Bettina S Mathew, Fazal Khan, Joshua PK Kurian, Rhea Kurian, Christa T S, Kevin Biju Thomas, Sonia Liz Jossy, Sona Teresa Jossy, Ishaan Upadhyay, Ibrahim B, G Bhavya Sree, Davis Joseph, Chandan Bhakare, L J Ayush, Riya K. Ramesh, Lalitha Batsa, Darshana R, Sangeerth Sajith, Aldrin Joy, Harsh Raj Bhagat, LITESH DARA, Rajiv Lochan, Himanshi Gaur, Lokanath Reddy, Almary Anil, Joe Abraham Jose, Emanuel Soloman, Dipendra Singh, Williams P, Aravind S, Rohan Alex Reji, Sruthi Ann Thomas, and Brhat B G participated in the Tech Utsav - Cryptic Hunt event at Christ (Deemed to be University) on February 13, 2024.



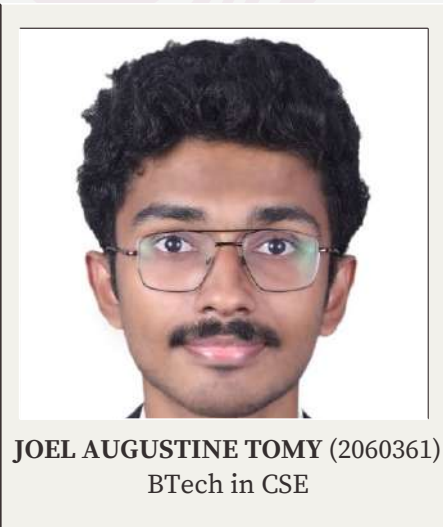
A photograph of three students in a laboratory or classroom setting. They are gathered around a desk, looking at a laptop screen. One student is pointing at a breadboard circuit on the desk. The scene is dimly lit, with a red wall in the background. The text 'PLACEMENTS' is overlaid in large white letters, 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

Student Placed in **anko**

Make Brilliant Simple



JOEL AUGUSTINE TOMY (2060361)
BTech in CSE

Students Placed in ARTECH

INTELLIGENCE IS HUMAN



VEDANT SINGH CHAUHAN
(2060465) BTech in CSE



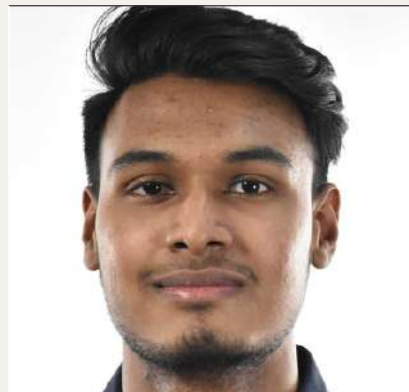
**PORAYIL VADAKKINAKATH YADAV
ANOOP (2062057)**
BTech in CSE (AIML)



SIDDHARTH SIVAKUMAR
(2062211) BTech in CSE (DS)



DEVYANSH SHARMA (2061020)
BTech in CSE (IT)



IVIN ANTO (2062423)
BTech in CSE (IoT)



KAUSTUB T KURIYAR (2060370)
BTech in CSE

Students Placed in

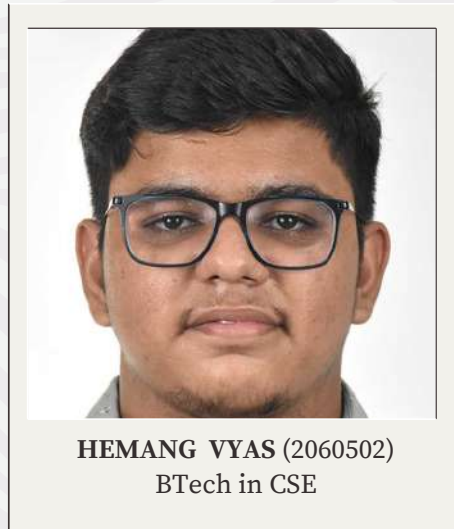


ALEN GEORGE (2060316)
BTech in CSE



SAHIL RANJAN (2060401)
BTech in CSE

Student Placed in



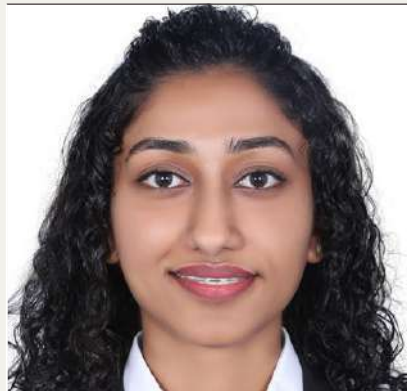
Students Placed in



TENZIN THOMAY (2060415)
BTech in CSE



RISHITA BHELWA (2060444)
BTech in CSE



JANNET SHAJI (2062248)
BTech in CSE (DS)

Students Placed in Kalvium



ANANTHA KRISHNAN T K (2060322)
BTech in CSE



JOEL ROBY (2060362)
BTech in CSE



KAVISH NARANG (2062207)
BTech in CSE (DS)

Student Placed in **KPMG**



Students Placed in MillerKnoll



AADHI DEV K A (2060301)
BTech in CSE



TENZIN GAPHEL (2060414)
BTech in CSE



ALAN SABU MATHEW (2062007)
BTech in CSE (AIML)



KUMAR PARTH (2060496)
BTech in CSE



KAREN SIMON (2060308)
BTech in CSE



PARVATHI S (2062051)
BTech in CSE (AIML)



B CHENDU REDDY (2060330)
BTech in CSE

Students Placed in

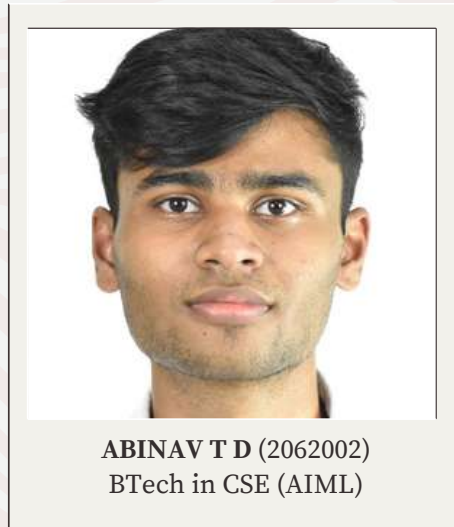


KAVISH NARANG (2062207)
BTech in CSE (DS)



ADITH MENON (2062003)
BTech in CSE (AIML)

Student Placed in resideo



Students Placed in Xperforce



AKASH RAMESH (2060311)
BTech in CSE



SHILISH VATSIN (2060407)
BTech in CSE



YUKESKAANTH V (2062212)
BTech in CSE (DS)



ADHIL A (2062201)
BTech in CSE (DS)



KAUSTUB T KURIYAR (2060370)
BTech in CSE



FOOBAR S.0

D E C O D I N G F U T U R E

TECHNICAL EVENTS • NON-TECHNICAL EVENTS • WORKSHOPS

Foobar is for us, the students of Kengeri Campus, to showcase our talents in our technical fields and other parallels. Although open to all department students on the Kengeri Campus, it will serve as a platform for them to unite and explore horizons.

FEBRUARY 5 - FEBRUARY 19



NURTURING AND CELEBRATING THE TALENT OF TOMORROW'S LEADERS

By B Satyam Rao
President, ASCII

The Department of Computer Science and Engineering at CHRIST (Deemed to be University), Kengeri Campus, recently witnessed a surge of creativity and enthusiasm during its flagship event, FOOBAR 8.0, organized by the Association of Students of Computer Science and IT with Innovation (ASCII). Spanning over 20 days, FOOBAR 8.0 showcased a dynamic blend of tech, non-tech events, and technical workshops, attracting participants from various departments across the campus.

With a diverse range of 13 events, FOOBAR 8.0 offered a platform for students to showcase their skills, explore new technologies, and unleash their potential. Beyond the competitive spirit, the event fostered collaboration, creativity, and innovation among participants, nurturing talent and fostering a culture of learning. FOOBAR 8.0 not only provided opportunities for students to demonstrate their technical prowess but also encouraged interdisciplinary collaboration and problem-solving. From coding challenges to design competitions and interactive workshops, participants were exposed to real-world scenarios, enhancing their problem-solving abilities and practical knowledge.

As the curtains drew close on FOOBAR 8.0, it left behind a legacy of empowerment, inspiration, and camaraderie, reflecting the spirit of innovation and excellence that defines ASCII and CHRIST (Deemed to be University). We look forward to witnessing the continued growth and success of FOOBAR in the years to come, as it continues to nurture and celebrate the talents of tomorrow's leaders.



By Augadh Verma
Club Head (FOSS Coder's Club), ASCII

As a judge at the WebCanvas event under Foobar 8.0, I was immersed in a showcase of creativity and innovation centered around sustainability. Collaborating with Prof Anoop GL, the criteria we assessed included user-friendliness, design aesthetics, adherence to the event theme, and website efficiency. The participants, armed with tools like Figma, Adobe Illustrator, and Canva, demonstrated their prowess in crafting visually stunning and purposeful websites.

One standout aspect was the diverse interpretations of sustainability portrayed through each website. From minimalist designs to intricate graphics, each entry offered a unique perspective on how organizations can contribute to a sustainable future. It was inspiring to witness students from various academic years come together, leveraging their skills to address pressing global issues.

The event wasn't just about competition; it fostered a sense of community and collaboration. It was evident that each participant had poured their passion and dedication into their projects. Overall, being a judge at WebCanvas was a rewarding experience, showcasing the ingenuity and talent within our academic community.



WINNERS

FOOBAR 8.0

Ad-Zap

First Place

Annette Jimson 2160425 6BTCS C
Kheertthana R 2160489 6BTCS C

Second Place

Nikita Tanni 2160441 6BTCS A
Nishtha Goel 2162061 6BTCS AIML
Dikshita Sen 2161012 6BTIT
Tessa George 2160455 6BTCS A

Battle of Brains

First Place

Maninak Saha 2260394 4BTCS B
Arya Acharya 2260346 4BTCS C
Chhandak Mukherjee 2260357 4BTCSA
Marc Francis Pereira 2260241 4BTCSB

Second Place

Joed Thomas Jackson 2260373 4BTCSB
Allen Tomy 2260328 4BTCSA
Aaron P Mathew 2260306 4BTCSA

Ace Clutch

First Place - Whiffers

Sanchay RS 2261036 4BTIT
Mithun K 2262642 4BTELCS
Guhanessh MK 2262639 4BTELCS
Bestow Philip 2262211 4BTCS DS
Jotharsh 2262419 4BTCS IOT

Second Place - Monnanz

Patrick Jose 2160383 6BTCS C
Johann Rijo 2162224 6BTCS DS
Safal Antony 2162037 6BTCS AIML
Ronan 2161017 6BTCS IT
Ajin K Cherian 2160493 6BTCS C

Ensemble Echo

First Place

M Vignesh 2160367 6 BTCS A
Christopher Samuel Harris 2162019 6 BTCS AIML

Second Place

Annette Jimson 2160425 6BTCS C
Kheertthana R 2160489 6BTCS C

CodeXcite

First Place

Divyanshu Sirohia 2162216 6BTCS DS

Second Place

Aaron Antonio Johnson 2160302 6BTCS A
Shannen M 2160399 6BTCS A
Christopher Samuel Harris 2162019 6BTCS AIML

Vivid Insights

First Place

Jalaj 2262222 4BTCS DS
Saakhi Yadav 2233752 4PSYCH C

Second Place

Prabhat Kumar 2262266 4 BTCS DS
Ashwin Suresh 2262207 4-BTCS DS

Pixel Script

First Place

Pranshu Patel 2260414 4BTCS-B
Seikh Sahabuddin 4BTCS-B

Second Place

Labh Bothra 2260387 4BTCS-B
Arnav Rangwani 2260345 4BTCS-A

ConnectXpo

First Place

Christa T S 2162415 6BTCS IOT
Rhea Kurian 2162418 6BTCS IOT
Darshana R 2162416 6BTCS IOT

Second Place

Saniya Thomas 2162064 6BTCS AIML
Safal Antony 2162037 6BTCS AIML
Jerrell Sharon C 2160632 6BTEC

WebCanvas

First Place - Kanak Dipika Kapoor 2160462 6 BTCS C

Second Place - Yuvraaj Narula 2362194 2 BTPHY D



EMBRACING INNOVATION

LEADERSHIP PANEL AND IDEAS FOR IEEE CS AT CHRIST

By Augadh Verma
Chair, IEEE Computer Society CU SBC

As I sit down to pen these words, I find myself overwhelmed with a sense of gratitude and appreciation for the recent Annual General Meeting (AGM) of the IEEE Computer Society CHRIST University-Bangalore Student Branch Chapter. It was a momentous occasion filled with camaraderie, inspiration, and profound insights. Having the opportunity to officiate and inaugurate such a pivotal event is an honour beyond measure. Presenting the Executive Committee for 2024 was a highlight, symbolizing not just a passing of the torch but a continuation of our collective commitment to excellence and innovation.

To our esteemed Chief Guest, Dr. Abhishek Appaji, his enlightening discourse on the significance of IEEE Computer Society has left an indelible mark on all of us. His insights have fueled our passion and determination to make a meaningful impact in the world of technology. I extend my deepest gratitude to Dr. Sandeep Kumar, Dr. Vijaya Margaret, and Dr. Jayapandian N for their unwavering support and guidance throughout this journey. Your wisdom and mentorship have been instrumental in shaping the success of our chapter.

As we reflect on the success of the AGM, I am filled with immense pride and appreciation for each and every individual who contributed to making it a resounding success. Together, let us continue to strive for excellence and innovation as we embark on the next phase of our journey. I would like to thank everyone for their unwavering dedication and support.

2024 IEEE International Conference on Contemporary Computing and Communications (InC4 2024)

Organised by

IEEE Computer Society Bangalore Chapter and
IEEE Computer Society CHRIST University-Bangalore Student Branch Chapter

in association with

Department of Computer Science and Engineering, School of Engineering and Technology,
CHRIST (Deemed to be University), Kengeri Campus, Bengaluru, India and
IEEE Student Branch, CHRIST University, Bangalore



2024 IEEE INTERNATIONAL CONFERENCE ON CONTEMPORARY COMPUTING AND COMMUNICATIONS

The IEEE International Conference on Contemporary Computing and Communications (InC4) returns with its second edition, promising a dynamic platform for the exchange of cutting-edge ideas and innovations in the realms of computing and communication. Organized by the IEEE Computer Society Bangalore Chapter and the IEEE Computer Society Student Branch Chapter at CHRIST University, Bangalore, in collaboration with the Department of Computer Science and Engineering, this event aims to bridge the gap between academia, industry, and government sectors.

InC4 -2024 showcases a diverse program featuring keynote speeches by distinguished personalities such as Ms. Jyothika Athavale (2024 President of IEEE Computer Society), Mr. Dalbir Dahiya (Senior Director, Research and Development, Anthology Inc.), Dr. Anu Sayal (Taylor's University, Malaysia), Denis Parfenov (Orenburg State University, Russia), and Prof. Saurabh Bagchi (Purdue University, West Lafayette, Indiana). The conference encompasses a broad spectrum of topics including Intelligent Systems, Informatics and Applications, Intelligent Data Analytics and Computing, and Communication and Control Systems. With 30 different sessions dedicated to paper presentations, attendees can delve into the latest research and developments in these areas.

Moreover, parallel events like the Workshop on Computing Algorithm for Geospatial Data, FutureForge Hackathon, IEEE CS Bangalore Chapter Student Meet, and Workshop on Generative AI promise enriching experiences for participants, fostering collaboration and skill enhancement. InC4 -2024 emerges as a pivotal platform for fostering interdisciplinary collaboration, innovation, and knowledge exchange, driving advancements in contemporary computing and communication.

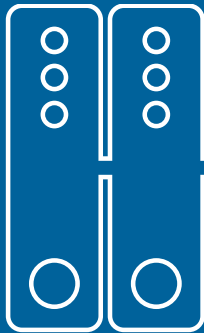


CHRIST University-Bangalore
Student Branch Chapter

JOIN IEEE COMPUTER SOCIETY

WE SET THE STANDARD FOR
THE FUTURE

The IEEE Computer Society Christ University - Bangalore Student Branch Chapter is a student chapter of the IEEE Computer Society, the premier source for information, inspiration, and collaboration in computer science and engineering. The chapter's mission is to promote the advancement of computer science and engineering education and research, to provide opportunities for professional development, and to foster networking and collaboration among students, faculty, and industry professionals.



OUR WEBSITE



ieee.cs@christuniversity.in



TECHMANIA

By Aaqil Faheem
Editor, Neurofluence

The first two months of 2024 were packed with exciting tech reveals, setting the stage for a future filled with innovation. Here's a glimpse at some of the most fascinating advancements that caught our eye at CES (Consumer Electronics Show) in January and MWC (Mobile World Congress) in February.

Imagine a future where mobility assistance is sleek and seamless. CES

2024

2024 introduced us to walking assist robots designed to empower those who need extra support. These robots go beyond bulky exoskeletons, offering lightweight and integrated designs that can adapt to a user's gait and environment. This technology has the potential to greatly improve quality of life for seniors or individuals with mobility limitations. Sustainability took center


stage



stage at CES with the unveiling of solar-powered tiny electric vehicles (EVs). These miniature marvels combine eco-friendly electric mobility with the practicality of a compact design. Perfect for short commutes or navigating crowded city streets, solar-powered EVs could revolutionize urban transportation while reducing our reliance on fossil fuels. Apple's highly anticipated Vision Pro garnered much attention at CES. While details remain under wraps, rumors suggest it's a mixed reality (MR) headset blending the physical and digital worlds. Shifting gears to February, MWC 2024: A Celebration of Mobile Innovation, showcased the latest advancements in mobile technology. Foldable phones continued to be a hot topic, with manufacturers refining their designs and functionalities. We also saw improvements in smartphone camera technology, with a focus on enhanced low-light photography and computational imaging.

Lenovo's ThinkBook laptops have long been a favorite among business users. At MWC, they unveiled a revolutionary concept with the ThinkBook transparent. This laptop features a transparent display, blurring the lines between the physical device and the user's workspace. While likely still in its early stages, the ThinkBook transparent hints at a future where our devices seamlessly integrate with our surroundings. These are just a few highlights from the exciting world of tech in the first two months of 2024. As the year progresses, we can expect even more groundbreaking innovations that will shape the way we live, work, and interact with the world around us. Stay tuned for future updates on these emerging technologies and more!



An illustration of a computer monitor. The main screen displays a message: "Take some rest." with a battery icon and a plug icon, and "It's time to recharge." Below the monitor, there is a keyboard. To the right, a smaller window titled "self_love.exe" is open, showing three colorful hearts (pink, green, and purple) on a white background. The background features stylized plants in shades of green and purple.

Take some rest.

It's time to recharge.

self_love.exe

BROWSING HISTORY

By Aaqil Faheem
Editor, Neurofluence

A Blast from the Tech Past: January & February Innovations. Remember the days of bulky headsets and the excitement of a new gaming console? Let's take a trip down memory lane and revisit some of the impactful technologies unveiled in January and February of years past.

In the early days of the web, browsing history was a revelation. No more scrambling to remember that fascinating website you stumbled upon earlier. Launched in January 1995, Netscape Navigator, a popular web browser at the time, introduced browsing history, forever changing how we explore the digital world.

Fast forward to 2016, and virtual reality took a giant leap forward with the release of the Oculus Rift in January. This headset, a pioneer in the consumer VR market, opened doors to immersive experiences in gaming, entertainment, and even education.

Microsoft made a splash in January 2016 with the Surface Studio, a sleek all-in-one desktop PC designed for creative professionals. Its large, adjustable touchscreen display and innovative dial interface redefined the way artists and designers interact with their computers.

February 2013 saw the much-anticipated launch of the PlayStation 4 (PS4). This next-generation console from Sony boasted improved graphics processing power, online capabilities, and a user-friendly interface. It quickly became a bestseller, solidifying Sony's dominance in the home gaming market.

While Sun Microsystems, founded in 1982, wasn't a January or February launch, it deserves a mention for its historical significance. Pioneering technologies like the Java programming language and the SPARC workstation series from Sun paved the way for advancements in software development and network computing. These innovations continue to influence the tech landscape today.

These are just a few examples of how January and February have played a role in shaping the technological landscape. As we move forward, it's exciting to contemplate what groundbreaking advancements the coming months hold!



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