

SEMESTER NEWSLETTER OF **CSE DEPARTMENT, GCE KANNUR**

Our Vision

"To be a centre of excellence in the field of computer science & engineering education and research, which extends its appreciated services to the industry and the society."

Our Mission

"To develop engineers with excellent analytic, design and implementation skills, who can expertise themselves as computer professionals, research engineers, entrepreneurs or as managers, while fulfilling their ethical and social responsibilities, in a globally competitive environment."



Mehnaz P P of S8 CSE was honored with the prestigious the Best Student Coordinator Award in the ISTE Kerala Section for her outstanding contributions and leadership in organizing various student activities and events.



Sheetal Sukumar of S8 CSE was bestowed with the Best Outgoing Women Engineer Award at the WE4U 3.0 Award Ceremony, an event organized by SHE GCEK, celebrating her outstanding achievements and contributions in the field of engineering.



Anagha K Sasidharan of S6 CSE won First Prize in "Scriptura", a Technical Article Writing Competition, conducted by IEEE SB GCEK.



Rishikesh K V of S6 CSE won First Prize in Code-A-Thon, a reverse coding competition as part of TinkerHub GCEK.



Innovator Spotlight

Tim Berners-Lee



Tim Berners-Lee, a notable British computer scientist, is renowned for conceiving the World Wide Web in 1989. His ingenious innovation transformed the global landscape of information dissemination and exchange. Through the formulation of pivotal protocols like HTTP, HTML, and URLs, he established the bedrock for the contemporary internet epoch. Berners-Lee's forward-thinking contributions indelibly influence communication, trade, and myriad facets of our day-to-day existence.

Jeffrey Shijo, Amal E J and Carolene Joy, of S6 CSE got the Best FOSS Project Award in MeenHacks V2 conducted at the College of Engineering Kidangoor.



Arshad Danish and Mathews Roopesh, of S8 CSE got placed as Software Engineers at Applied Materials, bagging the highest package in the campus placement drive 2023, for a whopping 10.55 LPA.



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Expressions

Neuromorphic Computing: Revolutionizing Technology Through Brain-Inspired Design

Neuromorphic computing, a revolutionary field at the intersection of neuroscience and computer science, seeks to replicate the brain's remarkable efficiency and adaptability in silicon. By emulating the brain's neural networks and their intricate communication, neuromorphic systems hold the promise of ultra-efficient, parallel processing that can power advancements in artificial intelligence, robotics, and sensory processing tasks. Unlike traditional computing, which relies on sequential operations, neuromorphic computing can process multiple streams of data simultaneously, mimicking the brain's parallelism. Challenges lie in accurately mimicking the brain's complexity and developing suitable algorithms, but as research progresses, these brain-inspired computing architectures could reshape the way we interact with technology, pushing the boundaries of what machines can achieve. From enabling real-time decision-making in autonomous vehicles to enhancing the capabilities of medical prosthetics, neuromorphic computing opens doors to a new era of possibilities where machines work more closely with our cognitive processes.



JEFFREY SHIJO
S6 CSE

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Adharsh M V
9.55



Gurupushpam
9.09



Fathima Shameem
9.05



Devanarayan S R
9.74



Anagha K Sasidharan
9.65



Devanarayan S R
9.04



Mathews Roopesh
9.64



Sanika P
9.56



Abhiram Rajeevan
9.54

The Power of Digital Twins in Simulation and Decision-Making

Digital twins, virtual replicas of physical entities fueled by real-time data, are poised to reshape decision-making. Operating within an enterprise metaverse, they enable precise simulations, furnish insights, and enhance choices. The product twin, exemplified by Google Maps, leverages continuous data for optimizing lifecycle stages. This innovation holds the promise to elevate decision-making across industries. By bridging the virtual and real worlds, digital twins stand as a transformative tool, poised to revolutionize strategies from manufacturing to urban planning, ultimately fostering a new era of informed and confident decision-making.

