ASSOCIATION
OF STUDENTS OF COMPUTER
SCIENCE FOR INFORMATION
INTERCHANGE

ASCII
Newsletter

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Amrita Vishwa Vidyapeetham

VISION

To be acclaimed internationally for excellence in teaching and research in computer science and engineering, and in fostering a culture of creativity and innovation to responsibly harness state-of-the-art technologies for societal needs .

MISSION

Mission 1:
To Empower students with strong computer science and engineering foundations through analytical thinking and problem-solving skills.

Mission 2:
To inculcate entrepreneurial skills to develop solutions and products for interdisciplinary problems by cultivating curiosity, team spirit, and a spirit of innovation.

Mission 3:
To provide opportunities for students to acquire knowledge of state-of-the-art in computer science and engineering through industry internships, collaborative projects and global exchange programmes with institutions of international disputes

Mission 4:
To develop life-long learning, ethics, moral values and spirit of service so as to contribute to the society through technology.

Mission 5:
To be a premier research-intensive department by providing a stimulating environment for knowledge discovery and creation.

C20 Summit

The Civil 20 (C20) is an extension group of the G20, chaired by Amma in 2022-2023. It serves as a platform for global civil society organizations to advocate for people's interests to G20 leaders. Collaborating with NGOs and civil service organizations, C20 addresses critical issues like education, digital transformation, gender equality, health, community resilience, and technology transparency to influence policy-making for a better world.

"Technology has truly revolutionized human life, but its negative aspects raise alarming concerns about the future of humankind.... Technology is a good servant but a dangerous master. We should use machines and love people."   - Amma

The summit featured a range of events, from policy discussions and panel talks to a drone show and cultural program, highlighting the multifaceted aspects of technological advancement and its societal impacts.

The C20 Technology and Security for One World Summit convened international dignitaries and experts at Amrita Vishwa Vidyapeetham, Coimbatore Campus, to address technology-related challenges and opportunities. The summit emphasized ethical practices, inclusivity, and collaboration, and discussions revolved around fostering a positive technological future through research and cooperation.

Notable figures such as Shri RN Ravi, Governor of Tamil Nadu Lt General Dr Rajesh Pant, and Vijay Nambiar participated, alongside thought leaders like Nguyen Anh Tuan, Dr Vint Cerf, and Mr Vilas Dhar, stressing the importance of human-centric principles in technology development, with a focus on ethics in AI and cybersecurity.

Making a Difference: Volunteer Spotlight

NSS

The NSS unit of Amrita Vishwa Vidyapeetham led a powerful Drug Awareness Program on June 26th, marking International Day against Drug Abuse. Aligned with the theme "People first - stop stigma and discrimination, strengthen prevention," the program featured informative talks by esteemed guests Dr. Sankaran and Dr. Mahadevan, who emphasized the dangers of drug use and the importance of responsible decision-making. A captivating skit by student volunteers brought the harsh realities of drug abuse to life. The impactful program concluded with a collective pledge against drug abuse and a signature campaign.

In collaboration with the Ashwin Maharaj Foundation, they distributed Health Mix to cancer patients at Coimbatore Government Medical Hospital, ensuring stringent safety measures. Additionally, they organized a music therapy session for the patients, aiming to uplift their spirits and offer a momentary escape from their challenges through the power of music.

The Ettimadai Teaching Program seamlessly blends education and play, engaging the students in various games, and fostering social interaction and a joyful atmosphere. Dr. Venkataraman, the NSS Programme Coordinator, further enriched the program by narrating a story on the importance of education. Volunteers translated this into various languages, exposing the children to diverse language experiences.
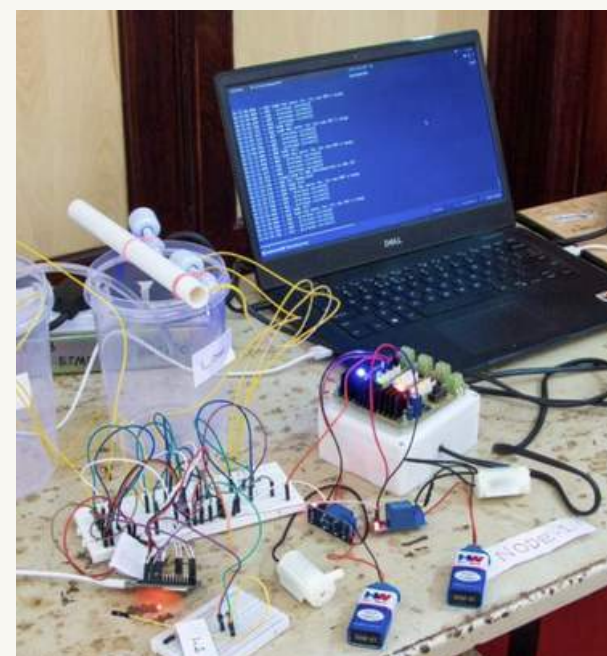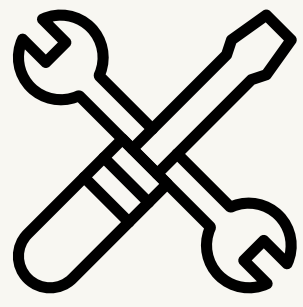
Avishkar ' 23

Innovative Minds at Work: Student Project Expo

The Amrita School of Computing hosted Avishkar, a dynamic student project expo for B.Tech. students. Showcasing innovation, the event provided a platform for students to present their projects and ideas. Beyond presentations, Avishkar fostered collaboration and discussion among like-minded peers. The expo sparked inspiration for future projects, encouraging interdisciplinary exploration. Offering a glimpse into various engineering fields, Avishkar catered to diverse interests. From freshmen to seniors, every student found something captivating at the event. This enriching experience provided a valuable platform for budding engineers to connect and grow

CLUB ACTIVITIES

IOT SECURITY : THE KEY TO A BETTER FUTURE

Attendees unlocked the potential of IoT security and AR-IoT smart lighting solutions. They delved into the hardware and software components, witnessing how these elements could be merged to craft an immersive AR interface.

DEMYSTIFYING AI

This workshop dives into the world of Machine Learning. An in-house student expert explained various algorithms and their applications. The event aims to equip participants with the knowledge to potentially develop their impactful predictive model.

GDSC-ICPC

This event was designed for programmers of all levels. It included a presentation on getting started with competitive programming followed by a 2-hour coding contest on HackerRank to test the participants' skills.

HELLO GDSC - INDUCTION CHAPTER 2023 – 2024

This event introduces the GDSC chapter at Amrita School of Computing for the academic year 2023-2024. It highlights opportunities to connect with tech enthusiasts, learn about Google technologies, and tools developed by the club, and participate in the Google Solutions Challenge. They also introduced an open-source community project called "The Project Hack Team."

FACULTY ACHIEVEMENTS

Mr. Umamaheswara Sharma Bhutamapuram Expands Horizons at ICSE 2023

This May, our esteemed faculty member, Mr. Umamaheswara Sharma Bhutamapuram, represented our institution at the prestigious IEEE/ACM International Conference on Software Engineering (ICSE 2023) in Melbourne. His participation underscores our commitment to global collaboration and staying at the forefront of software engineering innovation.
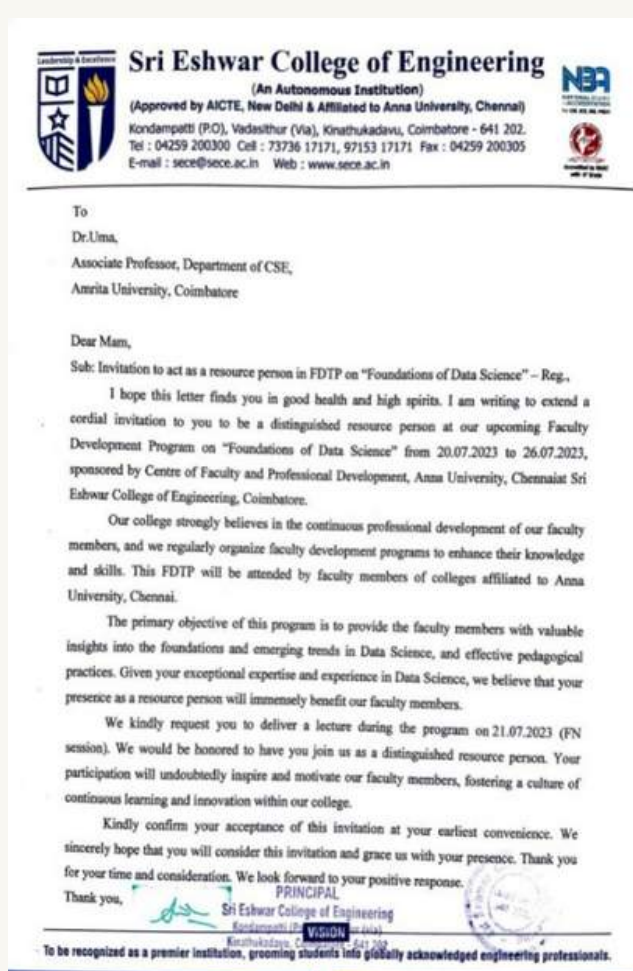
Dr. Bagavathi C. is renowned in Data Science, honored with a Certificate of Appreciation from EDUDEVS.

Dr. Bagavathi C., an esteemed expert in Data Science, received an EDUDEVS Certificate of Appreciation for her insightful presentation on "Data Science and Machine Learning with Python" at STEM@NEP2020 on May 12, 2023. Her dedication to advancing Data Science education and skill development is recognized, partnering with Amrita Vishwa Vidyapeetham, she serves as an inspiration to peers and students. Congratulations on her outstanding contribution.

Dr. J Uma: Pioneering Advancements in Data Representation in Data Analytics and Blockchain Technology Applications in Supply Chain Management

Dr. J Uma's distinguished role as a resource person at Sri Eashwar College of Engineering and Aditya Institute of Technology, Coimbatore, showcases her expertise in advancing knowledge in Computer Science. Her presentations on "Data Representation in Data Analytics" and "Blockchain Technology Applications in Supply Chain Management" cover cutting-edge topics including Cloud Computing, Predictive Analysis, Machine Learning, and Deep Learning, earning appreciation for her invaluable insights and contributions.

FACULTY ACHIEVEMENTS

"Dr. Radhika N.: Innovating in IoT, Industry 4.0, and Stress Management with a Focus on Wireless Sensor Networks"

Dr. Radhika. N's participation as the Resource Person in the One Week International Faculty Development Programme at Seshadri Rao Gudlavalleru Engineering College showcased her expertise in IoT, Industry 4.0, and Stress Management. With around 75 publications in National and International journals and conferences, including several award-winning papers, and her research focus on wireless sensor Networks, Mobile Adhoc Networks, and Smart grids, she is recognized as a distinguished authority in her field.

Jeyakumar's contribution as Program Committee Member and reviewer at the 2023 IEEE World Conference

Gurusamy Jeyakumar's recognition by the IEEE for his role as a Program Committee Member and Reviewer at the 2023 IEEE World Conference on Applied Intelligence and Computing (AIC 2023), held in India, highlights his significant contributions to the field. His research interests in parallelization and applications of evolutionary algorithms, Artificial Intelligence Techniques, and Human Modelling have yielded numerous publications in reputable journals and conference proceedings, with a majority indexed in SCOPUS, solidifying his standing as a respected authority in his field.

J Uma's has been honoured with a Certificate of Participation from the Madanapalle Institute of Technology & Science

Assistant Professor Uma J from Amrita Vidhya Vidyapeetham Coimbatore has been honoured with a Certificate of Participation from the Madanapalle Institute of Technology & Science (UGC-Autonomous Institution). Recognized for her commitment to academic excellence, she successfully completed a Five-Day online Faculty Development Programme on "Research Paper Writing, Proposal Drafting, and Patenting Strategies" organized by the Department of Computer Science and Technology at MITS. The certificate reflects Uma J's dedication to enhancing her research and innovation skills, contributing to a culture of scholarly excellence within the academic community at MITS.

FACULTY ACHIEVEMENTS

Amrita's inclusion in MulticoreWare Inc.'s Annual R&D meeting in Coimbatore

Amrita Vishwa Vidyapeetham is proud to be included in MulticoreWare Inc.'s Annual R&D meeting in Coimbatore, focusing on technology advancements and collaborations with prestigious academic partners like the Indian Institute of Technology, Palakkad, and Kalasalingam University. As we collaborate with MulticoreWare, we look forward to leveraging our expertise in AI applications, Machine Learning, Video Codecs, and Sensor Data & Fusion Engineering to drive innovation and contribute to the success of this event.

Dr. Umamaheswara Sharma B's completion of his PhD from the National Institute of Technology, Warangal

Dr. Umamaheswara Sharma B's successful completion of his PhD from the National Institute of Technology, Warangal, underscores his academic excellence and expertise in Software Engineering. His thesis, "Effectiveness of Machine Learning Models in Detecting Software Defects: An Investigative Insights," exemplifies his deep knowledge and dedication to research. His contributions to Mining Software Repositories, Software Defect Prediction, and Software Reliability are appreciated, making profound impacts on the advancement of knowledge in these critical domains

Bindu K R's advancement in Quantum Computing

Bindu K R excels in Quantum Computing course jointly organized by IIT Roorkee and C-DAC Hyderabad. Completed a one-month program with merit, showcasing dedication and academic excellence.

STUDENT ACHIEVEMENTS

2023 STUDENT WORLD IMPACT FILM FESTIVAL

"Torrot" by Praveen Chezhian and Nishanth M received an honourable Mention at the 2023 Student World Impact Film Festival, showcasing their exceptional talent in filmmaking and global recognition

INTERNSHIP AT PROVIDENCE INDIA

Suraj S and Kishore S, BTech CSE students, demonstrated their dedication and skills by completing their internship at Providence India, contributing to real-world projects and gaining invaluable experience.

VOLUNTEERING AT THE PRESTIGIOUS C20 CONFERENCE

Poornima and Hemanth Sai Vardhan exhibited their commitment to service by volunteering at the prestigious C20 Conference held at Amrita Vishwa Vidyapeetham, Coimbatore, contributing to the success of the event.

INTERNSHIP IN SKOLAR

Congrats to Nandini Padigala for completing Skolar internship program! Their dedication and contributions in Full Stack Development showcased outstanding professional growth during this enriching experience.

STUDENT ACHIEVEMENTS

FIRST PRIZE IN POWERLIFTING

Neeli Uday Kumar, a student of Amrita Vishwa Vidyapeetham, secured the first prize in powerlifting at the Annual Sports Meet. Representing Team Amritamayi, he lifted an impressive 83 kilograms, showcasing exceptional strength and determination. His achievement highlights the dedication and talent nurtured within the institution's sports culture. Neeli's success serves as inspiration for his peers, embodying the spirit of excellence upheld by Amrita Vishwa Vidyapeetham.

FIRST PRIZE IN CHESS

Harika Vaka, a student of Amrita Vishwa Vidyapeetham, won the first prize in Chess at the Intramural Competitions, proudly representing Team Amritamayi. Displaying strategic prowess and exceptional skill, she emerged victorious with her remarkable performance. Her achievement stands as a beacon of inspiration for fellow students, epitomizing the ethos of excellence upheld by Amrita Vishwa Vidyapeetham.
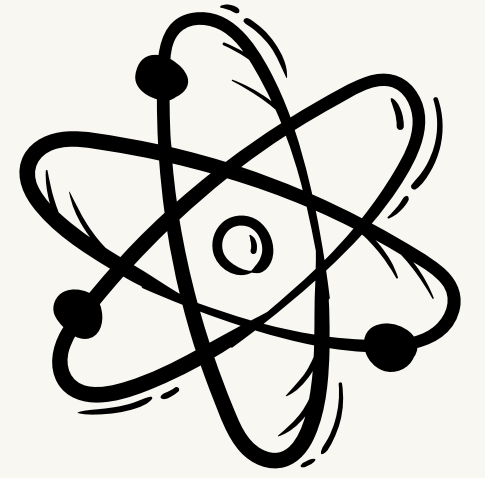
Augmented Reality Watch

Celebrating a remarkable achievement by Sri Nandhini R., a student of Amrita School of Computing! She has developed 'Watch Try On,' an innovative augmented reality app that redefines the watch shopping experience. This student-led project allows users to virtually try on watches with customizable features, offering an immersive journey into the world of leading brands. Compatible with all Android devices, the app showcases lifelike graphics and high-quality rendering, providing a true-to-life representation. Kudos to Sri Nandhini R. for this outstanding accomplishment, showcasing the talent and innovation fostered at Amrita School of Computing, Vishwa Vidyapeetham.

UPCOMING

Events and Workshops

AUG 17 2023

Generative AI and LLM Powered Search

Dr. Siddharth Chaurasia

OCT 17 2023

ACM Student Chapter Induction 2023-24

NOV 28 2023

The Math Company's Problem Solving Workshop

NOV 21 2023

Workshop on Raspberry pi and computer vision

NOV 29 2023

Webinar On Successful Implementation of MANETs and 5G Synergy in Diverse Fields

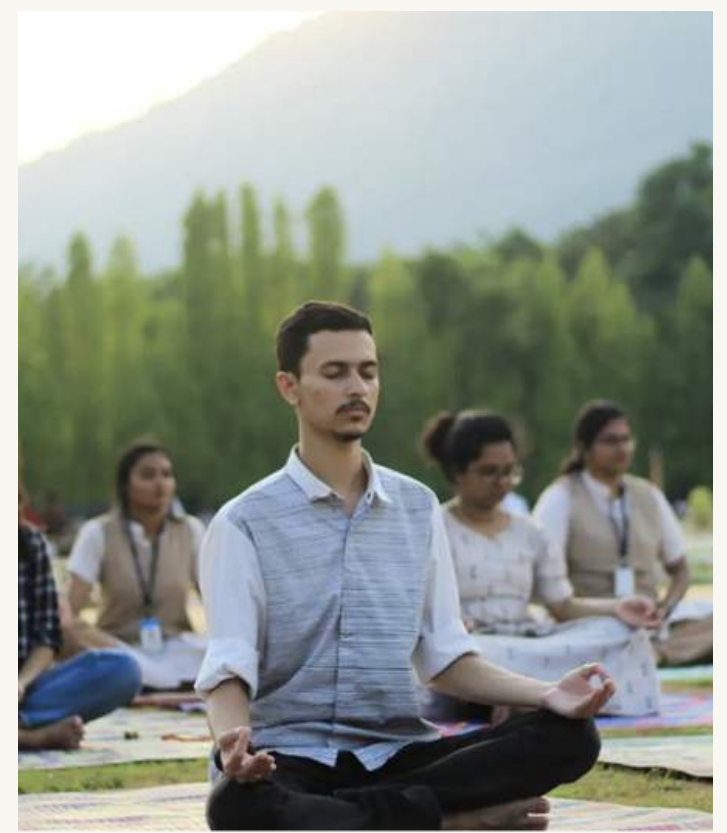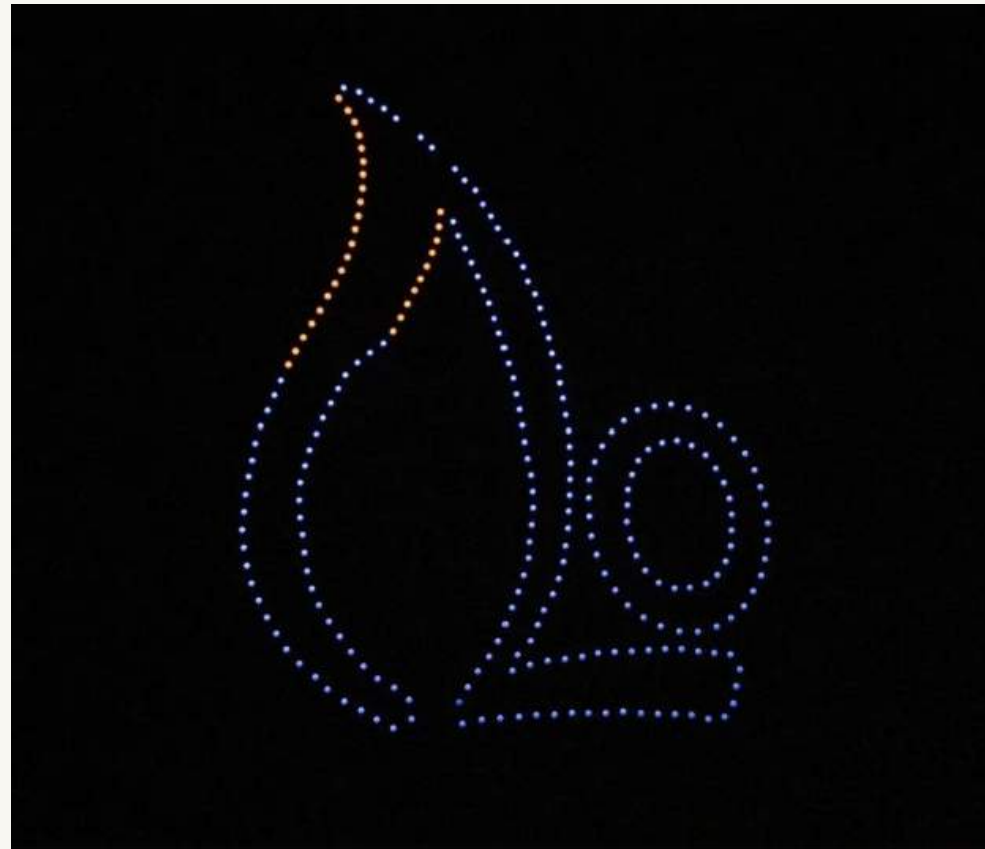Dr. Brajesh Mishra

DEC 11 2023

Women in AI with oneAPI

Dr. Shriram K Vasudevan

SEP 16 2023

Gokulashtami

GALLERY

Editorial Team

Faculty Coordinators :

Dr Pooja Mishra

Ms G R Ramya

Dr M C Shunmugapriya

Ms P Malathy

Dr J Uma

Dr Vishnuvarthan

Dr G Jeyakumar

Student Coordinators :

Mahisri Nagireddy

Samyuktha BM

Sravya Duvvuri

P Nithin Reddy

Tharun Kumarr A

Srinidhi J

Daniya Ghoshal