

let the music into
your veins and allow
your body to flow like
fluid. Dance is not
just movement but
an art of the body.

2023 - Issue 3
Sep - Dec Edition

AScii.

newsletter



“Gokulashtami
champions”

Amrita Vishwa Vidyapeetham
Department of Computer Science and Engineering
Coimbatore

OUR VISION

To be acclaimed internationally for excellence in teaching and research in Computer Science & Engineering, and in fostering a culture of creativity and innovation to responsibly harness state-of-the-art technologies for societal need.



OUR MISSION

“SHRADHAVAN LABATHE GYAANAM”



- To assist students in developing a strong foundation in Computer Science and Engineering by providing analytical, computational thinking and problem solving skills.
- To inculcate entrepreneurial skills to develop solutions and products for interdisciplinary problems by cultivating curiosity, team spirit and spirit of innovation.
- To provide opportunities for students to acquire knowledge of state-of-the-art in CSE through industry internships, collaborative projects, and global exchange programmes with Institutions of international repute.
- To develop life-long learning, ethics, moral values and spirit of service so as to contribute to the society through technology.
- To be a premier research-intensive department by providing a stimulating environment for knowledge discovery and creation.



CLUB ACTIVITY

The ACM Student Chapter in association with the Department of Computer Science and Engineering, Amrita Vishwa Vidyapeetham, Coimbatore, conducted the Induction program on October 17, 2023 to introduce the ACM student chapter team and provide the details of the club with the plans for the upcoming events.

WORKSHOPS

How and why cybersec in Industries

Mr. Shah holds the title for “Winner - World Cyber Championship CTC 2023” as well as the “Trusted Advisor” to the UAE Government to secure the G42 cloud. He also Co-Founded BSides Goa and has work experience in famous MNCs like EY and Adobe before his career skyrocketed in UAE.



As a part of an elective course for Ethical Hacking, a special workshop was conducted by the department with Mr. Harshil R Shah, Senior Offensive Security Consultant at KMPG lower gulf.



PiCraft by IETE Amrita

The Institution of Electronics and Telecommunication wing, Amritian Wing, organized the event “PiCraft” with the motto to showcase the capabilities of a Raspberry pi board and to spread awareness of its use cases, while familiarizing the participants to the expanding domain of embedded engineering. As their slogan says, they truly have “unleashed creativity with Raspberry Pi Magic”.



"Algorithmic Prowess," an event focused on the essential aspects of algorithmic approaches, including in-depth discussions on backtracking and branch-and-bound techniques, was conducted by esteemed faculty members Dr. Debasis Dwibey and Dr. Umamaheshwar Sharma of Amrita Vishwa Vidyapeetham, Ettimadai. The event successfully demystified the Design and Analysis of Algorithms.

The poster features the following text and graphics:

- DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE, DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING**
- Algorithmic Prowess: A Stellar Workshop on Backtracking, Branch and Bound in DAA Demystified**
- Sri Eshwar College of Engineering** (An Autonomous Institution Affiliated to Amrita University, Chennai Coimbatore) with NAAC and NBA accreditation logos.
- Two portraits of speakers: **Dr. Umamaheswara Sharma** and **Dr. Debasis Dwibedy**, both from the Department of Computer Science and Engineering, Amrita Vishwa Vidyapeetham, Coimbatore.
- EVENT DATE: 20 & 22 DEC, 2023**
- EVENT VENUE: CODE STUDIO**
- Time: 09:00 AM**
- 11th Year AI&DS, AI & ML**
- Convenor :- Dr.S.Sumathi, HOD/AI&DS**
- Co-ordinators :- Dr.V.Karunakaran ASP/AI&ML, Ms K.Parvathy AP/AIDS, Ms S.Sowmiya AP/AIDS**

THE MATH COMPANY



The MathCo (read as “The Math Company”), a young startup with 10 years of industry experience and going, conducted a problem-solving workshop in Amrita Vishwa Vidyapeetham. The workshop focused on data-management, starting from “collection” till “managing the data in proper schemas”, walking the students through the entire pipeline of data management and the intricate nuances that could mean a lot in the industry.

GOKULASHTAMI



Gokulashtami 2023, the cultural festival at Amrita Coimbatore, was a grand success, showcasing the rich heritage and talents of the students. Celebrated with great enthusiasm, the campus transformed into a vibrant arena. The Department of Computer Science and Engineering (CSE) played a pivotal role in the seamless coordination, planning, and execution of various events, ultimately winning the first prize in Gokulashtami 2023.



Gokulashtami was celebrated with cultural events, competitions, and activities, engaging students from all departments. The students of the CSE department presented a mesmerizing dance performance, a perfect blend of technology and tradition that resonated with the essence of Gokulashtami.



The department's contribution to Gokulashtami was not just limited to the technical aspects but extended to the overall organization and management of the event. The department's students and faculty members worked tirelessly to ensure the smooth functioning of the festival, which was appreciated by all.



CONCLUSION

Gokulashtami 2023 was a grand success, and the contribution of the CSE department was instrumental in making it a memorable event. The department's efforts, creativity, and dedication were evident in every aspect of the festival, and their first prize win was a testament to their hard work and commitment. The efforts from the department resulted in CSE winning the first place.

In a way, we newsletter team dedicate this page to those hard workers for the magic they have brought down on Earth.





Amritotsavam



Amritotsavam, as the name suggest, is one of Amrita's highly regarded Utsav. It is the biggest cultural festival that happens every year during the time of November to December. Amritotsavam consists of many highly engaging competitions for students across all the departments, and our Department of Computing paved it's path to glory in this "grande fête".



The Department of Computing was able to pour it's heart out, due to the sheer fact that our students were dedicated in their work. Starting from the planning till the execution phase, our students, irrespective of their differences in academic schedules, year of study, and their own personal struggles, have made this dream come true. With a fascinating team work, steel-hard dedication and out-of-the-box creativity, our beloved students soared the stages with their performances and the campus roads with their floats and hearty acts.



SPORTS

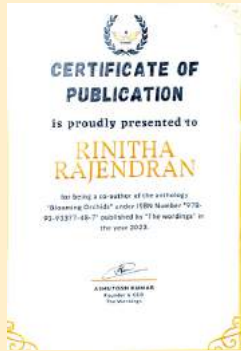


Students at Amrita School of Computing (ASC) not only conquer the ground of algorithms, but also athletics. They prove that their physique is as strong as their mind, while hauling cups and medals for the department. As they say, “Sports doesn’t build character, it reveals the innate soul within you”.



Making waves in both the worlds of brain and brawn, the students of ASC bring pride to their friends and faculty at the break of dawn. Jumping hoops, exchanging fast paced spheres, and spearheading their team for the win, has never been new to us, irrespective of who we are. This was also proven by the women team of tennis club at Amrita.

STUDENT ACHIEVEMENTS



Rinitha Rajendran has co-authored an anthology named "Blooming Orchids"

Rinitha Rajendran, a student of the CSE Department was awarded a certificate of publication for being a co-author of the anthology "Blooming Orchids". It was published in the year 2023 by "The Wordings".



Harish GM has secured 2nd place in a Hackathon conducted during Inferno V3

Harish Gm succeeded in securing the second position in a hackathon conducted during Inferno V3, an event conducted in Amrita Vishwa Vidyapeetham during September, 2023.

Shreenithi S has completed an internship with Kritilabs technologies

Shreenithi S recently concluded a successful internship at KriTiLabs Technologies, a prominent IoT Managed Services provider in Chennai. Specializing in visual inspection jigs using deep learning, her internship, from July to September 2023, demonstrated exceptional skills and dedication. Shreenithi made significant contributions to KriTiLabs' IoT security and solution projects.



Amritamayi has won the intramural competitions for the game of chess



The Amritamayi house has won the chess intramural tournament, which was held during Amritotsavam. The chess team comprised of Ela Ananya, Keerthana S, Aishwarya and Harika Vaka and lead by Ela Ananya, a current 3rd year student.

FACULTY ACHIEVEMENTS

(Patent No.: 489807 - TRANSPARENT SYSTEM FOR MITIGATING WEB VULNERABILITIES AND METHOD THEREOF) by K.P.Jevitha



K.P. Jevitha, a faculty from Amrita Vishwa Vidyapeetham, has successfully secured a patent for mitigating web vulnerabilities and the methodology behind it. The patent was filed at 9th January 2014 and will stand till 2034. The co-inventor of the patent is Mr. Rajeev Mukhil.

Bindu K.R (Sr. Gr) was invited to attend a conference in Singapore for Virtualization users.

Assistant Professor Bindu KR (Sr. Gr) had the honor of being invited to the VMware 2023 Explore, an industry conference for virtualization users and vendors. The event took place at the prestigious Marina Bay Sands Expo and Convention Center in Singapore on the 27th and 28th of September 2023.



Dr. Jeyakumar Guruswamy was awarded a certificate of appreciation as a program committee member and reviewer

Dr. Jeyakumar Guruswamy was awarded a certificate of appreciation by the Sardar Vallabhbhai National Institute of Technology, Surat, India, for his participation as a program committee member and reviewer at the 4th International Conference on Computational Intelligence (ICCI 2023) held during November 4th and 5th, 2023.



HACKATHONS



XPLORA

Two teams from our department (2nd year BTECH CSE students) were selected for their unique ideas at the competition. Our department team led by Bindu KR won the first prize for their GPS-enabled Destination Tracking System, while another team received a consolation prize for their Unified Ticket Management System.



The ICFOSS Women's Hackathon, organized by the Kerala Tourism Department on March 18th and 19th, aimed to empower women through a 30-hour coding competition. In the initial phase, 28 teams presented innovative solutions to real-world problems, including GPS tracking, ticket management, and GIS systems.



CONFERENCES

Women in AI with OneAPI:

On December 11, 2023, the IETE club hosted "Women in AI with OneAPI," aiming to inspire women's interest in AI and spotlighting Intel's OneAPI, offering insights into its applications in the tech industry. The event sought out to encourage diversity and participation in the dynamic field of Artificial Intelligence.

AMRITA Coimbatore Campus
In association with Intel oneAPI
Women in AI with oneAPI
Resource Person:
Dr. Shiram K Vasudevan
Lead Tech Evangelist, Intel
11 DEC 2023 9:00 AM
Murali Krishna Hall, CIR block, Amrita Vishwa Vidyapeetham
Organizers@Amrita: PES
INSTITUTION'S INNOVATION COUNCIL
oneAPI
IETE Student Forum Co-ordinators
Mr. Vakada Rohit: 9078529969
Mr. Barath Kumar: 9789555648
Organizing Committee
Dr. A. Balachandran, CIR
Dr. Prashant R Nair, IIC
Dr. Ananthanarayanan V, IETE
Dr. Venkatesh Kumar M, IEEE
Free Registration!
<https://forms.office.com/r/JWsEkR0JbL>



Successful implementation of MANETs and 5G synergy in Diverse fields

Dr. Brajesh Mishra, Scientist 'G' & Deputy Director General, Ministry of Communication, Government of India conducted a webinar on November 29, 2023, introducing MANETs and 5G synergy. The webinar was arranged by Assistant Professor Dr. Pooja Mishra.



AMRITA VISHWA VIDYAPEETHAM
Present case studies showcasing successful implementations of MANETs and 5G synergy in diverse fields such as healthcare, transportation, and military applications
By Department of Computer Science and Engineering Coimbatore
DATE & TIME
29 November 2023
2:55pm to 3:55pm
Meeting Link:
QR Code
Dr. Brajesh Mishra
Deputy Director General
Ministry of Communication
Government of India
NAAC A++ ACCREDITED nif 7th BEST QUALITY AWARD No. 1 IN THE WORLD



Dr. G. Jeyakumar



Dr. Vishnuvarthan Rajagopal



Dr. Shunmuga Priya MC

FACULTY EDITORIAL TEAM

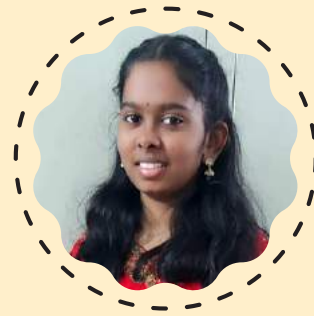
STUDENT EDITORIAL TEAM



Siddharth
Mohanakrishna



Vundavalli
Shreya



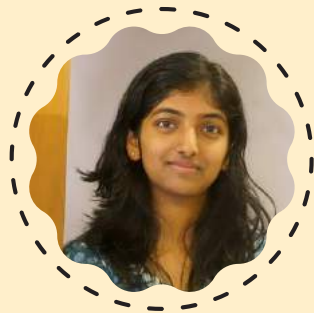
Keerthana



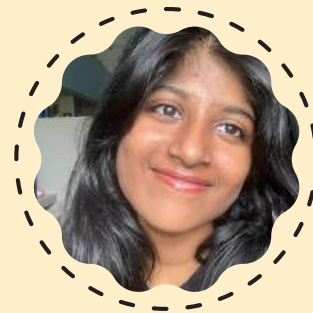
Abhina Krishnam



Keya Chaturvedi



Aparna Siva



Dhamini Manoj