DEPARTMENT OF COMPUTER SCIENCE

ANNUAL REPORT
2023-2024

MTM College of Arts, Science & Commerce

Pazhanji | Veliyancode | Malappuram | Kerala

Pin: 679579

DEPARTMENT OF COMPUTER SCIENCE

ANNUAL REPORT-2023-24

The Department of Computer Science has contributed to society by producing well-educated students over the years. Our goal is to impart quality education in line with the challenging needs of the industry and society. The Department takes pride in supporting students from poor socio-economic backgrounds to help them achieve their goals.

We have commenced the academic year 2022-23 with a well-organized academic plan comprising various curricular and co-curricular activities.

UG ADMISSION

Programme	No of Seats including Marginal Increase	No of students admitted
B Sc. Computer Science	49	33

RESULT ANALYSIS:

Programme	No. of students appeared	No. of students passed	Pass Percentage
B Sc. Computer Science	32	22	68.75%

UG TOPPER:

BSc. Computer Science	Hrithika O

CERTIFICATE COURSE:

MULTIMEDIA

DEPARTMENT ACTIVITES

INIZIARE 2K23: Student Induction Programme 2023

First year students Induction Programme aptly named "Iniziare 2K23,"was conducted . spanning from August 1st to August 8th, 2023.This immersive program was meticulously designed to welcome and acclimate the incoming students to the college environment, fostering a seamless transition from school to higher education. The inaugural day of the induction program was a remarkable assembly of diversity and unity. The first day was a common orientation programme for all the students. Following the all-encompassing introduction, the subsequent five days of "Iniziare 2K23" witnessed a purposeful differentiation in the program structure. Students from the BSc Computer Science, BA Sociology, BA English departments were grouped together, treated to a tailor-made induction program meticulously crafted to resonate with their academic pursuits. Some of the highlights of the programme includes, Ice breaking, Department visit, Personality development, self-defence, session on language ability, math magic, IT Quiz, interview skills etc.

Bridge Course:

The Department of Computer Science at MTM College organized a bridge course for newly enrolled students of the first year 15/08/2023 to 25/08/2023. This initiative aimed to bridge the gap between students' pre-university level knowledge and the degree-level requirements. The course comprised fundamental lectures in Mathematics, Computer Science, and Statistics, delivered by Assistant Professors Mr. Ranjin, Ms. Prathiba, and Ms. Mehjabin. Additionally, the sessions included discussions on the scope and career opportunities in the field of Computer Science

Ewaste Connect:

The Computer Science Department of MTM College, Veliyancode,took a significant step towards environmental sustainability by conducting the inauguration of the E-waste Connect program. The event aimed to raise awareness about the importance of proper e-waste disposal and promote responsible recycling practices. The program witnessed active participation from faculty members, students, and dignitaries, making it a resounding success.The Programme was conducted on 29th July 2023.and the Programme was inaugurated by the Principal ,John Joseph P

MTM Gradiesta 2k23

The Convocation Programme **"MTM Gradiesta 2k23"** took place on July 15th, 2023, to honour the graduates of the 2023 passout batch. The esteemed guest, **former Educational Minister Prof. C. Raveendranath,** graced the occasion. The event served as a platform to acknowledge and celebrate the academic achievements and milestones of the graduating students. It was a momentous occasion marked by speeches, awards, and expressions of gratitude. The presence of Prof. C. Raveendranath added prestige to the event, inspiring and motivating the graduates as they embarked on their future endeavors.

Faculty Development Programme

The Department of Computer Science and the Internal Quality Assurance Cell (IQAC) jointly organized a Faculty Development Program (FDP)on 31/07/2023 to explore and discuss on the Topic **changing roles of teachers in leveraging Artificial Intelligence (AI) in the teaching-learning process.** The FDP aimed to equip educators with the necessary knowledge and skills to effectively incorporate AI technologies into the academic environment, thereby enhancing the quality of education and learning outcomes.

The CareerLaunch: Mastering Projects for Success.

The "CareerLaunch: Mastering Projects for Success" programme held on September 14, 2023, at MTM College of Arts, Science, and Commerce was a comprehensive and enlightening session aimed at providing students with invaluable insights into project development and its pivotal role in building a successful career in the IT sector. The event featured Mr. Balachandran K P, a distinguished Associate Professor, as the keynote speaker, who generously shared his wealth of knowledge and experience.

Ctrl+Alt+Delight-Alumni Meet

The "Ctrl+Alt+Delight-Alumni Meet" brought together graduates from the BSc Computer Science batches of 2018, 2019, and 2021. This gathering served as a platform for rekindling old friendships, sharing memories, and discussing future collaborations. The event was organized to celebrate the unique bond between the alumni and their alma mater. The Programme was conducted on 4th October 2023 at 3.00 pm.
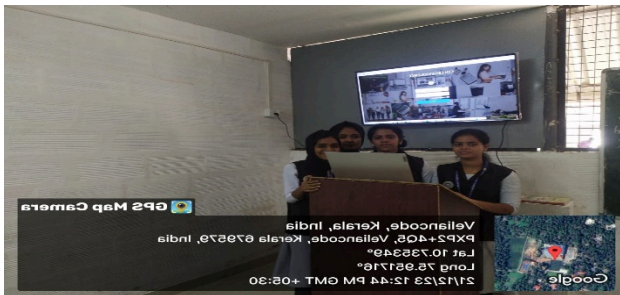

Seminar on Cloud Computing

The Computer Science Department of MTM College hosted an insightful seminar on the revolutionary subject of Cloud Computing. The session, held on 13/12/2023 was graced by the esteemed presence of Subi K,Assistant Professor, Assabah college of arts and science as the resource person. This event aimed to shed light on the advancements, implications, and future prospects of Cloud Computing in the realm of technology.

Project Presentation

The Department of Computer Science organized a Project Presentation Competition titled "PRESENT YOUR IDEAS" aimed at providing a platform for final year students to showcase their innovative research projects. The event was held on December 19, 2023, and December 21, 2023, at the ICT Lab. The competition was designed to encourage knowledge sharing, exhibit presentation skills, and recognize outstanding projects among final year students
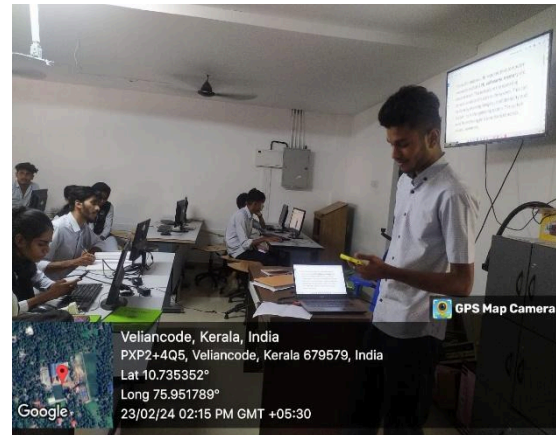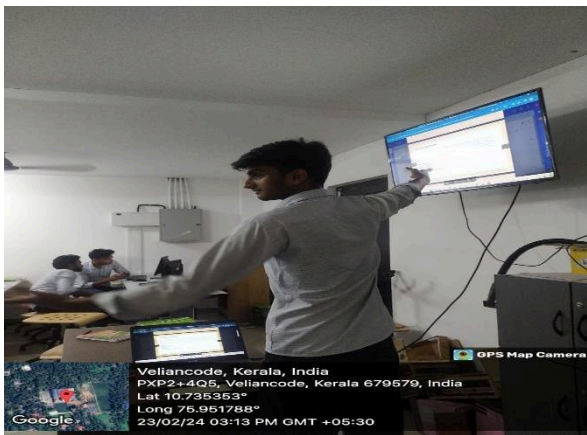

Association Inauguration &'You are a Techie' -Career Orientation Programme

The Computer Science Association proudly inaugurated on its activities with a dynamic event aimed at fostering Various Programmes and promoting technological innovation. The program was conducted on 20/02/2023 and the programme commenced with a welcome speech by Ms. C M Sulaikha, HoD of the Department of Computer Science. The Association inauguration was conducted by Principal John Joseph P. In the Inaugural address, Principal expressed his delight at witnessing this event. He underscored the importance of association.

Paper Presentation Competition

The Department of Computer Science organized a Paper Presentation Competition on February 23, 2024, in the ICT Lab. The theme for the competition was "Emerging Trends in Computer Science," aiming to provide a platform for students to showcase their research and knowledge on contemporary topics in the field. Various students from the 1st, 2nd, and final year enthusiastically participated in the event. Their diverse backgrounds and perspectives contributed to the richness of the presentations.

Tech Art-Unleashing creativity on National science day

The Department of Computer Science and Alokah Students Union observed National Science Day on 1/03/2024 with the program titled "Tech Art - Unleashing Creativity on National Science Day," featuring various activities aimed at fostering innovation and creativity among students, Programmes conducted include:Essay writing,Digital poster making,Quiz,Session.

Student Participation in Technical Fest

Students from the final year and second year of BSc Computer Science participated in the intercollegiate Technical Fest, 'Techaeon 24 held at **Malabar College of Commerce and Science Manoor'**. They attended a session on the 'World of Virtual Reality' and participated in a quiz competition. **Mohammed Shaheer and Mohammed Ansaf** students of second year Bsc.Computer science secured the third position in the quiz competition.

Paper Presentation in National/InternationalConference

Ms. Fathimathul Hasna and Hanan PI, students of the second year BSc Computer Science, presented their paper titled **"Unveiling the Impact of Augmented Reality and Virtual Reality Applications Across Industries"** at **INTELIX-24, the International Conference** for Technological Exploration and Learning in Artificial Intelligence held at Ansar Women's College, Perumpilavu, on March 2nd, 4th, and 5th, 2024.

Ms.C M Sulaikha,HoD, Department of Computer Science Presented the Paper titled '**A Survey on Image Segmentation Algorithms and Approaches for Quality Assessment of Tea Leaves'**" at **INTELIX-24, the International Conference** for Technological Exploration and Learning in Artificial Intelligence held at Ansar Women's College, Perumpilavu, on March 2nd, 4th, and 5th, 2024.

Ms.C M Sulaikha,HoD, Department of Computer Science Presented the Paper titled '**Image Processing techniques in determining the Quality of Tea Leaves"** at **ICACRI-2024 the International Conference** for Advanced Computational Research and Innovations held at Yuvakshethra Institute of Management studies(YIMS) on February 16th,17th &19th February 2024.

Ms.C M Sulaikha,HoD, Department of Computer Science Presented the Paper titled '**Image segmentation Algorithms and Approaches for Quality Assessment of Tea leaves-Survey** in the **12th International Conference** on Cognitive Computing-A disruptive Technology held at Sri,Krishna Arts and Science College ,Coimbatore on 18th march 2024.

Seminar/FDP/Workshop attended

Ms.C M Sulaikha, HoD, Department of Computer Science **and Ms.Raseena PM, Assistant Professor,**Department of Computer Science Participated in **Five Day Virtual Faculty Development Program** on '**Contemporary Literary themes and Techniques** organised by the school of Social Sciences and Languages ,Vellore Institute of Technology,Chennai from 19/06/2023 to 23/06/2023.

Ms. C. M. Sulaikha, HoD of the Department of Computer Science, **Ms. Raseena P M, Assistant Professor, Mr. Ranjin, Assistant Professor, and Ms. Prathiba, Assistant Professor** in the Department of Computer Science, participated in the faculty development program on "Changing the Role of Teachers in Leveraging Artificial Intelligence in the Teaching-Learning Process," conducted on July 31st, 2023, by IQAC in collaboration with the Department of Computer Science at MTM College of Arts, Science, and Commerce, Veliancode.

Ms. C. M. Sulaikha, HoD of the Department of Computer Science, participated in a **2-day Techo workshop series** organized by Techobytes Technologies in collaboration with Chemplus'24, Chennai **IIT Madras, on Artificial Intelligence with ML in Biomedical** on January 27th and 28th, 2024, at IIT Madras.