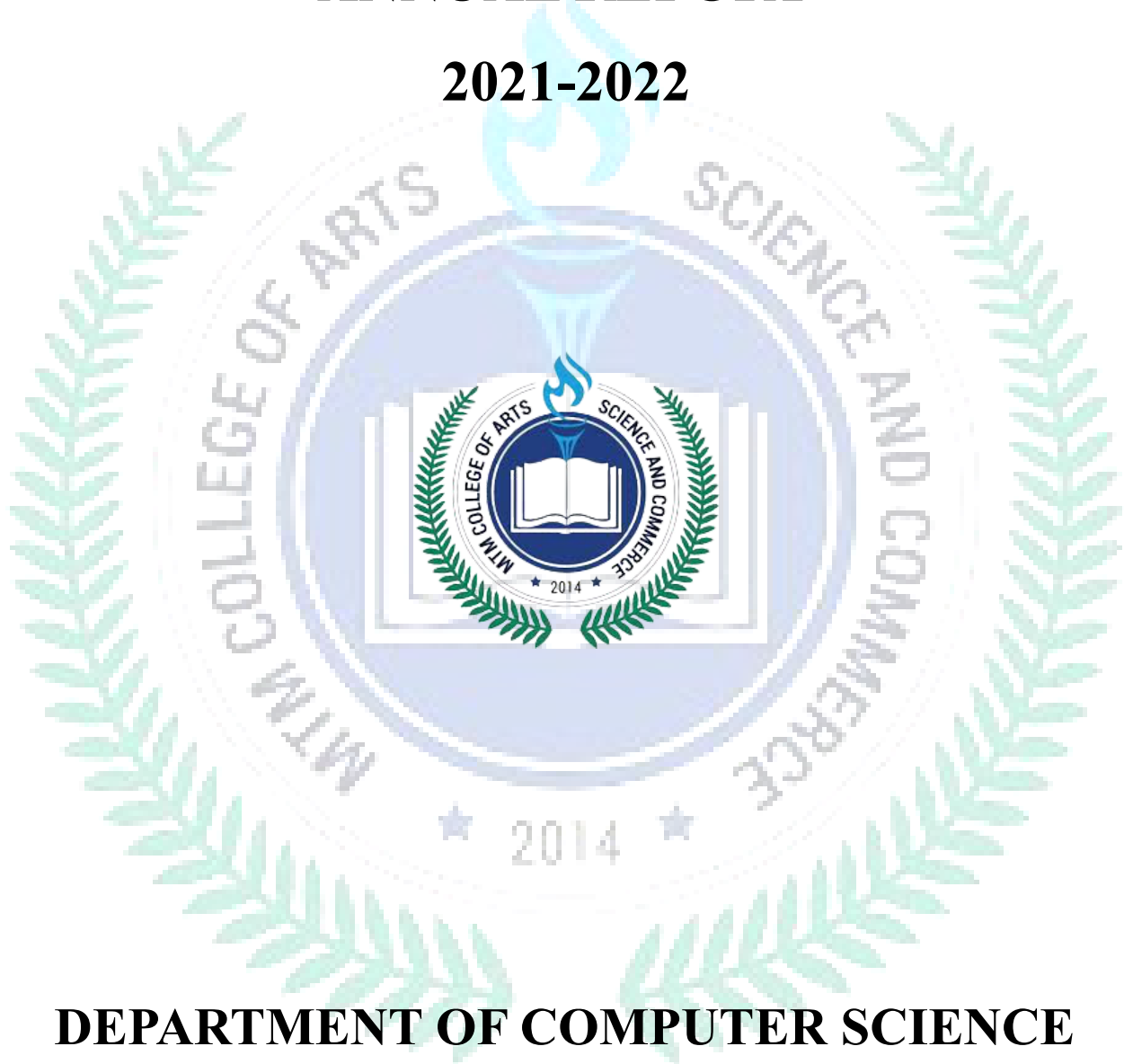


# **ANNUAL REPORT**

**2021-2022**



## **DEPARTMENT OF COMPUTER SCIENCE**

MTM college of Arts, Science and Commerce, was established in the heart of the flourishing town Malapuram. The college has been affiliated to the University of Calicut since its inception. The journey of MTM began in 2014 with a mission and vision of molding a generation with strong education and moral values. The college has a three storied building with an impressive hall, a seminar room and fully furnished computer lab.

M.T. Mammed Haji was an eminent personality who attached great importance to learning and education at a time when people of his generation discouraged modern education. It was due to his guidance and effort that the future generation of his family got well educated. Dr V.K Abdul Azeez is the Chairman of Mammed Haji Educational & Charitable Trust and MTM Arts, Science and Commerce College. He named the college after his beloved father Late M.T Mammed Haji and dedicated this higher center of learning to his memory. MTM College of Arts and science came into existence to fulfil the dream of a great visionary and mold high quality professionals in various Arts, Science and Commerce disciplines.

Value based education is our motto. Our sincere efforts are to educate the youth in facing the challenges of life, fighting the social inequalities and creating the awareness to lead the life of a responsible citizen. Quality of education can enhance their civic conscience MTM college of Arts, Science and Commerce, was established in the heart of the flourishing town Malappuram. The college has been affiliated to the University of Calicut since its inception.

The journey of MTM began in 2014 with a mission and vision of molding a generation with strong education and moral values. The college has a three storied building with an impressive hall, a seminar room and fully furnished computer lab. Our goals were to promote excellence in the sphere of higher education and cater to the needs and aspirations of the less privileged sections of the society.

M.T. Mammed Haji was an eminent personality who attached great importance to learning and education at a time when people of his generation discouraged modern education. It was due to his guidance and effort that the future generation of his family got well educated.

Dr V.K Abdul Azeez is the Chairman of Mammed Haji Educational & Charitable Trust and MTM Arts, Science and Commerce College. He named the college after his beloved father Late M.T Mammed Haji and dedicated this higher center of learning to his memory. MTM College of Arts and science came into existence to fulfil the dream of a great visionary and mold high quality professionals in various Arts, Science and Commerce disciplines.

## DEPARTMENT PROFILE

The Department of Computer Science has contributed to society by offering well-educated students over the years. Our goal is imparting quality education in tune with the challenging needs of the industry and society. The department is proud to support the students from poor socio-economic backgrounds who reach their goals. The Department arranges facilities for getting trained as a true leader - a value-valuing, committed and dedicated professional.

Well-disciplined students and good governance are the major attractions of the Department. Now the Department is heading towards faster development in academic and non-academic matters. The students passed out from the department have achieved remarkable careers and professions because of the steady and planned career development programme obtained from the department. It is our pleasure to announce that the students passed out from the college as Commerce Graduates are placed in better positions everywhere in the world.

The basic objective of the Programme is to open a channel of admission for computing courses for students, who have done the 10+2 and are interested in taking computing/IT as a career. After acquiring the Bachelor's Degree (B.Sc. Computer Science) at University of Calicut, there is further educational opportunity to go for an MCA or other Master's Programme like MSc (Computer Science), MSc (IT), MBA, etc., at this university or at any other University/Institute. Also after completing the B.Sc. Computer Science Programme, a student should be able to get an entry level job in the field of Information Technology or ITES or they can take up self employment in the Indian & global software market.



## ANNUAL REPORT

Department of computer science has conducted various programmes on the academic year 2021-2022 even though Covid 19 affected the entire academic year .

On May 17<sup>th</sup>, 2021 department conducted an online workshop on the topic “python programming”. Resource Person was **Mr Dwaragesh D**, Senior Project Engineer, Pantech Solutions India. Python has become a staple in data science, allowing data analysts and other professionals to use the language to conduct complex statistical calculations, create data visualizations, build machine learning algorithms, manipulate and analyze data, and complete other data-related tasks.

On may 21 st dept organized a national webinar on “Science of Optical Communication”. Resource Person **Dr.PV Nidhin** had started the session with a brief introduction to Science of Optical Communication. He had discussed the theory of Optics. The optical fiber medium offers several advantages over earlier transmission media such as coaxial cables and copper wire pairs.

From May 15<sup>th</sup> to May 25<sup>th</sup> Department conducted an intensive revision program for final year students. Revising what you have studied makes you more thorough in the subject. Being more thorough in a subject makes you well prepared for examinations and thereby helps you to get better grades. The more you revise, the more well prepared you are for examinations. This was our motto.

On May 28th, Department had conducted online seminar on basic mathematics topics. Resource Person was **Ms Deepthi** ,BSc Computer Science Student, Dept Of Computer Science. This session explored simple strategies that can be implemented while working out differential equations. You need to be able to understand the fundamental, basic concepts of math to be able to survive in the world independently. This is why math is so important

On July 1<sup>st</sup> ,CS Department has conducted an International webinar on “Learning English in challenging skills”. Resource Person was **Ms.Carmen B** Language Coach ,South Africa. English language plays an essential role in our lives as it helps in communication. It is the main language for studying any subject all over the world. English is important for students as it

broadens their minds, develops emotional skills, improve the quality of life by providing job opportunities.

Moreover, the use of English as an International language is growing with time because it is the only medium for communication in many countries. English is also used widely in the literature and media section to publish books, most of the writers write in the English language due to the vast majority of readers know only the English language and they can describe their ideas best in the English language.

On June 14<sup>th</sup>, Department has conducted an online project presentation for the sixth semester students. Every student has performed immensely well. Every student of a UG degree programme shall have to work on a project of 2 credits under the supervision of a faculty member or shall write a theory course based on Research Methodology as per the curriculum. College shall have the liberty to choose either of the above. Students must be encouraged to do projects in the latest tools or tools appropriate for their topic. Department should conduct monthly evaluation of the project and give necessary instructions to the students as and when required. Department provided an opportunity for the sixth semester students by an open defense.

Most of our students working on Live Projects of Software Industry. Open defense conducted for the entire department which is started with the felicitation of HOD. Second semester students followed and cleared doubts and received a good feedback.

On February 19, 2022 CS department conducted an extension activity named " Chess Championship" and started a Chess Academy. The chairman of Chess Association of Kerala Ms. Shubha Rakesh inaugurated the MTM Chess Academy named as Fritz Chess Academy. The inaugural ceremony of the MTM Chess Academy commenced with the game with the Principal Dr. Dominic Simson and Ms. Subha Ragesh. Vice Principal, Mr. Rajendra Kumar formally welcomed all the dignitaries present on the dais and participants from various parts of the state, colleagues & students. He mentioned the significance of Chess.