



MAR BASELIOS CHRISTIAN
COLLEGE OF ENGINEERING & TECHNOLOGY
KUTTIKKANAM, PEERMADÉ



"Your work is going to fill a large part of your life, and the only way to be truly satisfied is to do what you believe is great work. And the only way to do great work is to love what you do. If you haven't found it yet, keep looking. Don't settle. As with all matters of the heart, you'll know when you find it."
~Steve Jobs

COGNIZANCE

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TinkerHub
MBC CET



ABOUT THE DEPARTMENT

The Department of Computer Science laid its foundation stone in the year 2001 affiliated to Mahatma Gandhi 2015 admission onwards the UG course is affiliated to A. P. J Abdul Kalam Technological University, Trivandrum, Kerala. The Department of Computer Science and Engineering has always retained high standards and expectations for academic achievement. The department is equipped with infrastructure and facilities to match the very best in the country. The department remains committed towards its vision and mission. The department also takes initiative in conducting co-curricular and extracurricular activities along with the academics. The Department currently has twelve faculty members. Faculty members are highly qualified and exposed in specialised areas. The fast changing scenario in Information Technology necessitates the Department to actively extend its research and development activities that include the major areas of research in Computer Science. To enhance knowledge the Department frequently conduct technical invited talks, seminars, workshops and development programs. The Department has successfully setup an IoT Lab facility, under the IoT Research Group.

VISION

To become an excellent Department by empowering the graduates to address the challenges in the fast changing scenario, adhering to ethical values.

MISSION

- Inculcate skills to solve complex engineering problems and instill entrepreneurial capabilities.
- Equip the students to advance with the recent trends and technology through Research and Innovations in the field of computer science.
- Facilitate the development of professional behavior, ethical values and the spirit of service to the society.

SALIENDO 2K24



EDITORIAL TEAM

STAFF ADVISOR



Prof. Nissu Simon
Dept. of CSE

STUDENT EDITOR



Reno Thomas
S4 CSE



INDUSTRIAL VISIT



Kaynes Technology India Limited, Mysore, Karnataka
17/02/2024



Industrial Interaction Program at Thinkerhub kochi

MESSAGE FROM THE HOD



Dr. Ushus Maria Joseph
Head of Department
Computer Science &
Engineering

It gives me a great pleasure to introduce the Computer Science and Engineering department as one of the best department of Mar Baselios Christain College of Engineering and Technology, Peermade. We have excellent academic and placement records. We are conducting computational courses like Technical invited talks, add on courses, workshops, Conferences for students, which make them aware of the latest trends in the industry. Our sound teaching and learning process takes care of the students' all round development.

The interaction with the industry has helped our students get internships, training, and sponsored projects. The students are encouraged to participate in several co-curricular activities conducted by the students' club, professional bodies, which help them develop their technical, professional, and soft skills. required in a wide range of careers.

The vision of the department is to become an excellent department by empowering the graduates to address the challenges in the fast changing scenario, adhering to ethical values. Highly qualified, experienced, and dynamic faculty, along with creative and dedicated students, are working hard together to achieve this goal.

STUDENT ACHIEVEMENTS

NASA Space App Challenge Winners Honored at Mar Baselios Christian College of Engineering and Technology, Peermade Team Hoshiko of members Shaun David Prince-CSE(AI), Mohil C-CSE(AI), Manu V-CSE(AI), and Karthik S Kurup-CSE(AI) have been recognized for their outstanding contributions to the NASA Space App Challenge & their project was selected as one of the Top 10 Leading project and selected as Global Nominees. The local event was held at VISAT College in Pala. Their innovative solution, demonstrated exceptional creativity and problem-solving skills. The award highlights their dedication to advancing space exploration and their ability to develop practical applications that address real-world challenges.



Students from S7 CSE of MBCCET Chriss Philip Saji, Alen Joseph, Roshan Joji, Juveen David attended the DataHack Summit 2024 conducted in Bangalore from August 7 to August 10 and met with various industry experts and leaders in the domain of GenAI ranging from Joshua Starmer to Ines Montani to Kunal Jain.



Six students from the 7th semester of Computer Science Engineering at MBCCET—Chriss Philip Saji, Alen Joseph, Roshan Joji, Sharon George, Neha Varghese, and Olivia Mary James—had the privilege of attending the RAI Workshop organized by IIT Madras in collaboration with the University of Hull. As part of the workshop, they also showcased their research paper titled "Exploring Nanotechnology to Mitigate the Carbon Footprint of Large Language Models (LLMs)" at the CeRAI Workshop, gaining valuable insights and recognition for their innovative work.



Sneha Mariyam Chacko was awarded the Chief Minister's Prathibha Puraskar in recognition of her outstanding achievements and excellence. Scholarships are awarded to students of Kerala origin who have qualified meritoriously in the Higher Secondary Examination, for pursuing Undergraduate and Postgraduate degree courses in Basic/ Natural Science in Institutions/ Universities in India.

Prof. Nissu Simon

- Attended 6 day FDP on Generative AI with Hands-on Training Using Python Organized by MBCCET, TVM
- Published Department Newsletter 2022-23 Academic Year
- 5 DAY FDP on Artificial Intelligence and Machine Learning Organized by MET's School of Engineering
- Attended 6 days FDP on Introduction to machine learning (AMT) and python & machine learning lab (AML 311) organised by CSE Department of MBCCET, Peermade

Prof. Merlin Joshi

- 5 day FDP on problem solving and advancement in python programming
- Attended five days Faculty Development Programme (FDP) on "Enrichment of Professional Engineering Education" Organised by the Internal Quality Assurance Cell (IQAC) of the Mar Baselios Christian College of Engineering and Technology
- 5 days fdp on artificial intelligence and machine learning

Prof. Ansmaria Joseph

- Attended 6 days FDP on Introduction to machine learning (AMT) and python, machine learning lab (AML 311) organised by CSE Department of MBCCET, Peermade

Prof. Shilpa Rajan

- Presented paper in national conference won first and second prizes
- Attended five days Faculty Development Programme (FDP) on "Enrichment of Professional Engineering Education" Organised by the Internal Quality Assurance Cell (IQAC) of the Mar Baselios Christian College of Engineering and Technology
- Attended 6 days FDP on Introduction to machine learning (AMT) and python & machine learning lab (AML 311) organised by MBCCET, Peermade
- Four days Workshop on the topic "Data Management and Data Mastering" (Online Mode) organized by Providence College For Women, Nigiris in association with PencilBitz

Prof. Sandra S Nair

- Attended 5 days faculty development program on recent advances in computing
- Attended five days Faculty Development Programme (FDP) on "Enrichment of Professional Engineering Education" Organised by the Internal Quality Assurance Cell (IQAC) of the Mar Baselios Christian College of Engineering and Technology

Prof. Jisha Mohan

- Attended 6 days FDP on Introduction to machine learning (AMT) and python & machine learning lab (AML 311) organised by CSE Department of MBCCET, Peermade
- 5 days FDP on Artificial Intelligence and Machine Learning Organized by MET's School of Engineering

Prof. Mahesh S

- Attended 3 days FDP on Modern Tools and Trends in Cyber Security, Organized by Department of CSE, Rajadhani Institute of Engineering & Technology, TVM
- Online Workshop on Data Analytics & AI organized by Centre for Computer Science and Information Technology (CCSIT), Manjeri, University of Calicut in association with ipsr solutions limited on 15th June 2024..



SPECIAL ACHIEVEMENT

Dr. Ushus Maria Joseph

Received Doctor of Philosophy in Computer Science & Engineering from Lincoln University College Malaysia



FACULTY ACHIEVEMENTS

Prof. Annie Chacko

- Published a paper titled as "Enhancing Credit Score Analysis: A Novel Approach with Random Forest and Kernel SVM" in IJECE(Scopus Indexed Journal)
- Attended 6 days FDP on Introduction to machine learning (AMT) and python & machine learning lab (AML 311) organised by CSE Department of MBCCET, Peermade
- Attended five days Faculty Development Programme (FDP) on "Enrichment of Professional Engineering Education" Organised by the Internal Quality Assurance Cell (IQAC) of the Mar Baselios Christian College of Engineering and Technology
- 5 DAY FDP on Artificial Intelligence and Machine Learning Organized by MET's School of Engineering
- 5 days FDP on "Artificial Intelligence and Robotics" organised by Department of AI & ML at MAHAGURU INSTITUTE OF TECHNOLOGY
- Presented a paper to IEEE Conference at Model Engineering College, Kochi

Prof. Anju Rachel Oommen

- Attended 6 day FDP on Generative AI with Hands-on Training Using Python Organized by MBCCET, TVM Presented paper in national conference
- Attended five days Faculty Development Programme (FDP) on "Enrichment of Professional Engineering Education" Organised by the Internal Quality Assurance Cell (IQAC) of the Mar Baselios Christian College of Engineering and Technology

Prof. Detty M Panicker

- Achieved second prize in marathon, conducted by MBCCET
- Attended 5 days FDP on counselling and Mentoring under KTU
- presented paper Topic : Safe Haven : Natural Disaster Management in NCASCD24
- Attended 6 days national level FDP on AI Trends and Industry Use Cases contemporary and Future

"The job of an Educator is to teach students to see vitality in themselves."

— Joseph Campbell

Dr. Ushus Maria Joseph

- Convenier for National Conference conducted by CSE department MBCCET
- paper published in scopus indexed journal
- Attended five days Faculty Development Programme (FDP) on "Enrichment of Professional Engineering Education" Organised by the Internal Quality Assurance Cell (IQAC) of the Mar Baselios Christian College of Engineering and Technology Submitted AICTE ATAL FDP proposal
- Attended 6 days FDP on Introduction to machine learning (AMT) and python & machine learning lab (AML 311) organised by CSE Department of MBCCET, Peermade
- YIP district level evaluator

Prof. Josmy George

- Attended 5 day FDP on Cyber security and forensic organized by Mangalam college of engineering
- Presented paper in national conference
- Attended five days Faculty Development Programme (FDP) on "Enrichment of Professional Engineering Education" Organised by the Internal Quality Assurance Cell (IQAC) of the Mar Baselios Christian College of Engineering and Technology
- Attended 6 days FDP on Introduction to machine learning (AMT) and python & machine learning lab (AML 311) organised by CSE Department of MBCCET, Peermade

Prof. Aryalakshmi R

- 5-Days Online FDP on "Powering Innovations & Efficiency on Intelligent Systems" Mahaguru Institute of Technology*, Kayamkulam, Alappuzha.
- Attended five days Faculty Development Programme (FDP) on "Enrichment of Professional Engineering Education" Organised by the Internal Quality Assurance Cell (IQAC) of the Mar Baselios Christian College of Engineering and Technology
- 3 days workshop on machine learning organized by mahaguru institute of technology on September 10th to 13th
- Attended 5 day FDP on Cyber security and forensic organized by Mangalam college of engineering



NASA Space App Challenge Winners Honored at Mar Baselios Christian College of Engineering and Technology, Peermade Local innovators Jithin James(ECE), Alwin B Alex(ECE), Melwin Jiji(ECE), Libin M Varkey(ECE), Mervin D(CSE) and Deepak Ravi(CSE) have been recognized for their outstanding contributions to the NASA Space App Challenge. Their project was selected as one of the Top 10 Leading Ideas and was also awarded the Most Inspirational Award during the event held at Amal Jyothi College in Kanjirappally. Their innovative solution, demonstrated exceptional creativity and problem-solving skills. The award highlights their dedication to advancing space exploration and their ability to develop practical applications that address real-world challenges.

2024 NASA Spaces Apps Global Nominee

- Rebeen Thomas George
- Alan Thomas
- Sandesh V Anthony

Roshan Joji

- Volunteered at NASA Space app Challenge 2024, Pala
- Cleared Semi finals of YIP 5.0

Star of Technical Fest of St. Joseph Palai

Justin Eapen George

2024 NASA Space Apps Awards

Got most Inspirational Awards in Senior category in NASA Space Apps and also for top 10 leading Ideas Award conducted on 5th October 2024

- Deepak Ravi
- Mervin D

Congratulations

TEAM D3LT4

THE INNOVATORS

BRIJITH K BIJU

G GAUTHAM

KIRAN MATHEW MANOJ

STEPHEN ZACHARIA JACOB

FROM THE 2020-2024 BATCH, COMPUTER

SCIENCE AND ENGINEERING DEPARTMENT

Brijith K Biju, G Gautham, Kiran Mathew Mano, Stephen Zacharia Jacob from the 2020-2024 batch awarded for the Innovators Pitching with project title "Siem Virtualisation", enhances cyber security for society and government by enhancing threat detection and response, ensuring data protection and safe guarding critical infrastructures and security

Chriss Philip Saji

- Presented a review paper titled "Transformers" at NCASCD 24
- Got selected for paper presentation at IIT madras for paper titled ; "Exploring the potential of Nanotech to mitigate LLM carbon footprints"
- Got selected to Intern at BharatGen
- Cleared Semi finals of YIP 5.0
- Got selected to intern at National centre of Communication security - Bangalore
- Participated and Volunteered at Data hack summit 2024 - Bangalore

Got Best Paper Award in NCASCD 24

- CYRIL C THOMAS
- JOEL JOSH Y
- ALAN B JOHN
- NIBU B JOHN

"Success is not final, failure is not fatal: it is the courage to continue that counts."

— Winston Churchill

PHOTO GALLERY

DEPARTMENT FACULTIES



The Department of Computer Science and Engineering at MBC College organized an eventful CSE Day named **"Hash"** on March 2, 2024. The event was marked by a series of engaging activities, bringing together students from all four years of the computer science department, as well as staff members. The excitement commenced with the unveiling of the event logo during a lively flashmob on March 1, 2024, from 3:45 PM to 4:00 PM. The day commenced with the arrival of esteemed guests at 9:30 AM, with Mr. Bijees Raj gracing the occasion as the chief guest. Faculties were honored for their exceptional teaching. Prof. Ushus Maria was presented with a memento in recognition of successfully completing her PhD. Mr. Bijees Raj was given a memento as a token of appreciation and love. Mr. Bijees Raj conducted an insightful session post-inauguration, engaging attendees for an hour. The CSE Day "Hash" was a resounding success, fostering collaboration, learning, and celebration within the vibrant community of MBC College's Computer Science and Engineering department.

LAB STAFFS



A Range of technical and nontechnical events commenced at the new academic block.

Winners of the Events

Kahoot : Shobal K Shaji, Ashbin Saji, Ashish Sebastian

Prompt Drawing : Abin B Mathew

CTF : Shinaz

Design Synergy : Reno

Techquest : Anjo Jose, Melvin Sabu, Saffin M Varughese, Rebeen Thomas George

Certificates were awarded to these students in recognition of their talents and accomplishments, following the cultural events.



DEPARTMENT ACTIVITY



The Department of Computer Science and Engineering organized a one-day workshop on Hardware Assembly on 24 January 2024 at Programming Lab. The participants include the students from 8th semester. The session was handled by Mr. Manoj Mathew.



Department of CSE of MBC College of Engineering and Technology, Peermade was organized the awareness program on High Performance Computing provided by AICTE SANKALP on 14 October 2024 at 10am to 12pm in the college mini auditorium. This session were handled by the Master Trainer Prof.P V Rajaraman, Chief Technology Officer Adi Sankara Institute of Engineering and Technology, Kalady. In this session the participants have understood the basis of HPC, Architecturing a Super Computer System, Parallelization of paradigms and parallel programming. 102 students and 8 faculties were attended the session. All the participants were actively participated in this session.



The Department of Computer Science and Engineering organized a two-day workshop on Python from 22 January 2024 to 23 January 2024 at Programming Lab. The participants include the students from 8th semester. The session was handled by Mrs. Thejal Laly Jose, Mrs. Asha V.K and Jomy Alex.



Tinkerhub MBCCET Organised a Make-a-thon on November 2nd & 3rd, right on our beautiful campus! an 18-hour event as promised came to be a vibrant celebration of creativity. This Make-a-thon brought together brilliant minds to build impactful projects. It helped students to showcase their skills and make differences.

BTECH TOPPERS



PRIYANKA S
CGPA 9.10



SONA JOSEPH
CGPA 8.77



AIRIN MARIA
CGPA 8.77



ABHINAYA
CGPA 8.70

SEMESTER TOPPERS



ARCHANA MADHU
S2 CSE A
SGPA 8.19



SHARON ANNA REJI
S2 CSE B
SGPA 8.02



DHANYA
S4 CSE
SGPA 9.82



CHRISS PHILIP SAJI
S6 CSE
SGPA 9.07

NPTEL CERTIFIED

Ethical Hacking

- Aaron Mathew Panicker

Introduction to Machine Learning

- Sharon George K
- Febin Jacob Biju

Python for Data Science

- Saffin M Varughese
- Rebeen Thomas George
- Ruben K Thomas
- Abel Manoj Chacko
- Alan Thomas
- Mathews Vinoy
- Jewel Leelu Sunil
- Nayana Manoj
- Anjo Jose
- Ajin P Thomas
- Bibin Raju
- Benjamin Philip Sagy
- Ajas Mathew
- Anjana krisna R
- Afrin Shehnas H
- Bharathkumaran R
- Adwaiyth Deepu Nathen
- Gautham S Prasad
- Jabez Mathews
- Abel Manoj Chacko
- Ashbin K George
- Albi Joseph
- Sharon George K

Google cloud computing

- Alfin Paulose Thomas
- Olivia Mary James
- Emily Anna Koshy

Deep Learning

- Sharon George K
- Chriss Philip Saji

PLACEMENT BATCH OF 2020-2024



ALITTA ANNA TOM
QSPIDER
SUTHERLAND



GRACEMA J
SUTHERLAND



SANDRA V YEABU
QSPIDER
IT PROFOUND



ABHINAYA
QSPIDER
FACEPREP



JIYA AJITH
FACEPREP



AIRIN MARIA
FACEPREP



RINKLE KUNJUMON
TECH MAHINDRA



VARNA VARGHESE
TECH MAGI
IT PROFOUND



SONA JOSEPH
TECH MAGI
SUTHERLAND



PRIYANKA S
TECH MAGI
INTELLIPAAT



ALEENA ROSE
IT PROFOUND



EIBEL S MATHEW
EXTENSEUR HR



JOEL JOSHI
MONCRIEFF SOLUTIONS



TINU THAMPI
SUTHERLAND
IT PROFOUND



ALAN B JOHN
SUTHERLAND



JOEL PRAJYOT
SUTHERLAND



ADITHYAN S
REUBRO



AJAY PAUL SHINE
REUBRO
POORNAM



SHIRDI VINAYAK
REUBRO
POORNAM



JUSTIN EAPEN GEORGE
6D TECHNOLOGIES
POORNAM



RIJO MATHEW
6D TECHNOLOGIES
IT PROFOUND



GOKUL P J
QSPIDER



SIBIN GEORGE
QSPIDER



KURIAN SYBU
QSPIDER



JUSTIN P GEORGE
FACEPREP
AABASOFT



ALBIN JOSEPH
FACEPREP



MIDHUN SURESH
TECH MAHINDRA
AABASOFT



KEVIN KUNJUMON
TECH MAHINDRA
AABASOFT



JESSEN JOSHUA
TECH MAHINDRA
AABASOFT



ANTO SAJI ANTOY
AABASOFT



BIJESH BIJU
AABASOFT



ASWIN C S
AABASOFT



BLESSON C BIJU
AABASOFT



ROSHAN ROY
AABASOFT



JOEL K ABRAHAM
AABASOFT



GOKUL N HARI
AABASOFT



ABIN JOHN
TECH MAGI



ELGA ABRAHAM
TECH MAHINDRA
IT PROFOUND



MINNUMOL LAWRENCE
ZESTL SOFTWARE
SUTHERLAND



ASHLY ASHA
SUTHERLAND



MERIN K BABY
SUTHERLAND



ANEETA ABRAHAM
SUTHERLAND



JOSH SHIJU
SUTHERLAND



NIBU B JOHN
IT PROFOUND



G GAUTUM
POORNAM



HELON MARIA JOHN
SUTHERLAND



DANLEY B JOHN
IT PROFOUND



JOEL VARGHESE
AABASOFT



ALBIN REJI
IT PROFOUND
POORNAM



ABIN K THOMAS
INMAKES INFOTECH



BRIJITH K BIJU
POORNAM



GOKUL A NAIR
POORNAM



CYRIL C THOMAS
IT PROFOUND



DENNIS DANIEL
FACEPREP
SUTHERLAND



AKSAN PRAMOD
IT PROFOUND



JOYAL JOMON
MASTERS
ALUMINIUM AND STEEL



KIRAN MATHEW
MASTERS
ALUMINIUM AND STEEL



STEPHEN ZACHARIA
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