



The Newsletter of Department of Computer Science and Engineering.

MESSAGE FROM HOD CSE – 2022

Dear Students, Faculty, and Staff,

Welcome to another edition of our Department Newsletter! As we reflect on the recent happenings and achievements within our vibrant community, I am filled with pride and admiration for the incredible work being done by each and every one of you.

I am particularly delighted to highlight the achievements of our students, who have once again demonstrated their exceptional talent and dedication. I would also like to extend my heartfelt appreciation to our faculty members for their tireless efforts in teaching and mentorship. Your expertise and commitment are the driving force behind our department's success, and I am grateful for the invaluable contributions you make each day.

I am happy to mention that we could increase the B.Tech intake from 60 to 120, in this academic year. As we look ahead to the future, I am confident that our department will continue to thrive and excel in the years to come. With your continued support and collaboration, there is no limit to what we can achieve together.



Thank you once again for your unwavering dedication and commitment to excellence. I am honoured to serve as the Head of the Department of Computer Science & Engineering and look forward to witnessing the continued growth and success of our department.

Warm regards,

MIDHUN MATHEW
Head of the Department Computer Science & Engineering
MBITS

Google ACE from ASAP

Additional Skill Acquisition Programme is offering Google's Associate Cloud Engineering Certificate course. They provided free online programme offered by Google for Engineering Students. The programme has online self-learning instructional content and assessments. The learners will get free access to Google Cloud resources. They are able to use Google Cloud Console and the command-line interface to perform common platform-based tasks to maintain one or more deployed solutions that leverage Google-managed or self-managed services on Google Cloud. The training programme was for 16 weeks and it was free of cost. The training is free of cost. Almost three batches completed the Google Ace and around 117 students completed the course within 16 weeks. 5 of our students got special appreciation from Google for completing the course within 3 weeks. Further, 23 students qualified ASAP eligibility test in 2022 with 100% free scholarship and many others with less percentage scholarship.



Patent & Books Published

Three patents were published from MBITS in the year 2021. Two of them were published by Dr. P. Sojan Lal, Principal, MBITS. Dr. Sojan Lal Poulouse, Principal, MBITS published the book titled "Privacy Preservation in Onto-Web: steps to protect data confidentiality using ontology rules" jointly with Rev. Fr. Dr. Rubin Thottupurathu Jose.

The book was in Portuguese, Italian, French, Spanish & German Editions in addition to English. In addition to that two more book were published in his name in the year 2021.

Education 4.0 Implementation Committee

For encouraging accelerated remote learning, we constituted an Education 4.0 implementation committee (E4IC). The E4IC was formed in March 2020, before lockdown in India, with representations from all departments chaired by the Principal. The committee consists of the Principal as head, one nodal coordinator, one coordinator from each department along with one member and Technical members for implementing campus Learning Management System (LMS). Of course, the biggest change we are likely to see as part of Education 4.0 is a deeper fusion of technology into the teaching process. Initially, the committee proposed online classes through platforms like ZOOM, Google Classroom, CISCO WebEx etc. Later, this committee has done a performance evaluation of various platforms. The team periodically analyzed and reviewed the progress of online/ offline teaching. Corrective measures and regular weekly meetings of the Academic Committee further strengthened the new process. The survey data for all courses was from engineering students to evaluate the effectiveness of various parameters of the Digital teaching and learning. E4IC makes learning more accessible using dynamic teaching materials to keep students interested. Students being able to log in any time and from anywhere to learn at their own pace. E4IC is truly revolutionary in terms of improving student learning outcomes.

CHIEF MINISTER'S STUDENT EXCELLENCE AWARD'22

Rs. 1 LAKH & MERIT CERTIFICATE



ALBIN THOMAS



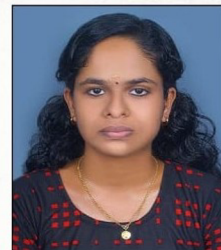
ANNA JOY



ANNU ROSE TOMY



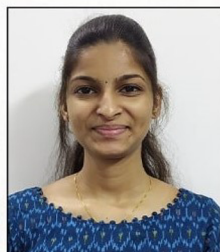
ANU POLLY



ATHULYA VIJAYAN



BESSE BOSE



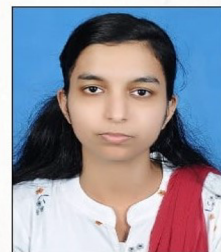
ELEN SARA KURIAN



JEES MARIYA TONY



K H NIRMALDAS



LUDIYA JAMES

Journey of excellence continues.....

It's another prestigious moment in the history of MBITS. We are proud to announce that 10 of our graduates

Rebuild Kerala

MBITS was selected to collaborate for renovation of LSGD Roads which were damaged during the mega flood in 2018. Field study, Survey and data collection were conducted to improve the quality of the flood affected roads in Idukki & Ernakulam District. The coordinator for the project was Mr. Jenty Joy, Placement and training officer and the joint coordinators were Mr. Midhun Mathew, HOD (CSE) and Asst. Prof. John Samuel (FIE), Civil Engineering Department.



Hearty Congratulation: “CGPA 9 & Above”

2020-2024 Batch

VYDEHY SOBHAN, S1CSE

MISHAL FATHIMA, S1CSE

2020-2024 Batch

BEEMA ASHRAF, S1CSE

PREMCHAND C P, S1CSE

Learning Management System (LMS)

Covid'19 pandemic leads to a sudden shift from classroom teaching to online teaching. To go-on with education, MBITS had procured Google Suit and implemented an LMS for encouraging online teaching, through a single platform for easier administration and proper e-auditing. The LMS team implemented classroom through Google Classroom for each and every class. The academic activities are currently carried out through LMS.

INFOSYS CERTIFICATION COURSE IN 5G

Infosys Springboard launches Certificate Courses in 5G with 13 weeks, Experts led sessions with Industry case studies. Infosys is organizing the course in collaboration with Prof. Dr. Dhadesugoor R. Vaman and Mar Baselios Institute of Technology and Science. Fifth generation technology standard for broadband cellular networks is transforming and creating new opportunities for people, businesses and society.



Computer Science Association

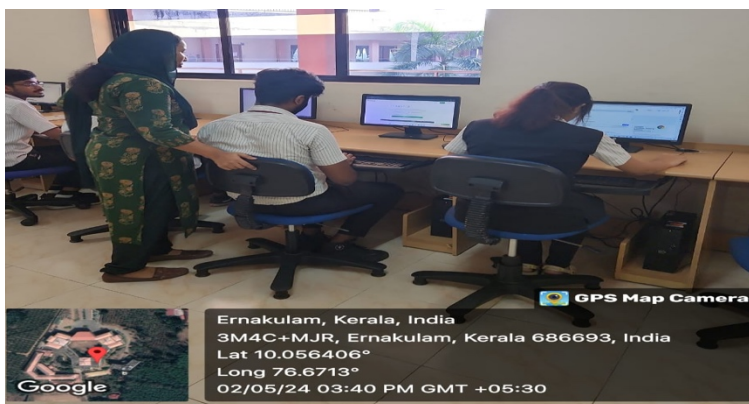
Familiarization of 8086 with its interface

Ms. Elby K. Eldhose, an assistant professor in the CSE department at MBITS, Kerala, led a session titled "Familiarization of 8086 with its interface" on November 25, 2021. Thirty-one candidates attended the workshop and learned about the 8086 microprocessor's architecture and interface. Ms. Eldhose covered a wide range of subjects, including registers, memory organization, and instruction set, in her in-depth explanations of the functions and parts of the 8086 CPU. The training gave the attendees the fundamental information needed to comprehend and operate with microprocessor-based systems.



Introduction to LaTeX

Ms. Nisreen M. Ali, an assistant professor in the CSE department at MBITS, Kerala, led a workshop titled "Introduction to LaTeX" on December 13, 2021. Eighty people attended the class, where they learned about LaTeX, a potent typesetting program frequently used for technical and scientific documents. Ms. Ali walked the candidates



through the fundamentals of LaTeX, going over things like formatting, mathematical equations, document structure, and graphics integration. Through practical LaTeX software experience, the course participants were able to produce papers of professional quality quickly and effectively.

Introduction to LaTeX

A networking workshop was held on May 12, 2022, by Ms. Reshma S., a Ph.D. scholar from the CSE Department at MBITS, Kerala. 37 people attended the program, which covered practical aspects of networking. Ms. Reshma gave students practical experience in network configuration, management, and troubleshooting by simulating networking scenarios using CISCO Packet Tracer software. Basic networking principles like network design, protocols, addressing, and security were taught in the session. The information and abilities that participants acquired were crucial for planning and managing computer networks with industry-standard technologies such as Cisco Packet Tracer.

'Open for All!': Webinar Series

The team MBITS had organized 46 'open-for-all' national/international webinars in the 2020-21 Covid'19 pandemic period. The webinar was attended by 18,800 participants from 2,000 unique institutions in India and abroad. The webinars were telecasted on Facebook live and other platforms like Zoom, WebEx and YouTube live.

INTERNSHIP PROGRAM



Inauguration of internship Program on Computer Hardware, Maintenance and Networking was done by Secretary, Shri. C.A. Kunjachan. Principal and HOD of CSE Dept. delivered the felicitation.

"Hearty congratulations"

Outstanding Placement 2022

We are delighted to note down our record placement offer with an annual CTC of Rs 44 (forty-four) lakhs for Mr. Kevin P. Joseph, Dept. of Computer Science and Engineering (CSE), 2019-2023 Batch in Virtusa, USA.



Mr. Kevin P. Joseph

CTC:44L, Virtusa

Vision of the Department

- To empower the students to be competent computer professionals.

Mission of the Department

- Cartel with quality education in the concept of computer science to sole real-world problems.
- Support students to become professionally and morally adroit engineers.
- Educate younger generation in the evolving fields of computer science and technology.



MAR BASIL GROUP OF INSTITUTIONS
Under the auspices of MAR THOMA CHERIA PALLY

Since 1936

MBSS MBMM Hospital MBSN St. Mary's School MBDC MBCN MBITS

www.mbits.edu.in | Email : info@mbits.edu.in

B.Tech / M.Tech / PhD Admissions, Call : +91 906 106 2801, +91 906 106 3801

Printed & published by Mrs. Mintu Thomas, Asst. Prof., CSE Dept. on behalf of Mar Baselios Institute of Technology & Science.

Editorial Board: Mrs. Elby K Eldhose, Aleena Eldhose 3rd Year CSE, Rida Mariya Rajan 3rd Year CSE