



SiENews BULLETIN

Year: 2021-2022

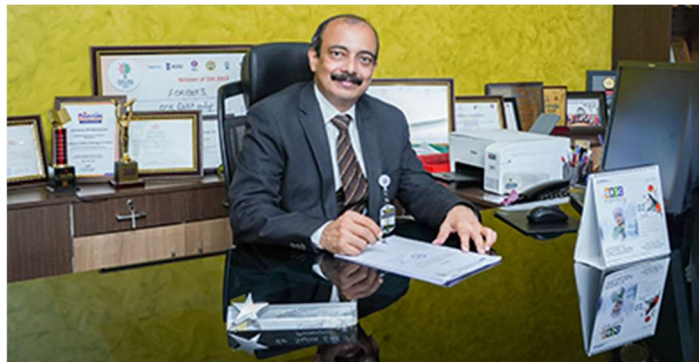
DEPARTMENT OF
ELECTRONICS & COMMUNICATION ENGINEERING
MBITS, NELLIMATTOM, KERALA, INDIA

Principal's Message

Dear MBITS Community and well-wishers,

I am thrilled to extend my warmest greetings and share some exceptional achievements and future aspirations with you. As the Principal of MBITS, I am delighted to announce our recent accreditation by the National Assessment and Accreditation Council (NAAC) until 2025. This serves as a resounding testament to our unwavering commitment to academic excellence.

What's even more remarkable is that MBITS stands as the sole institute from Kerala featured in the prestigious "New Code of Education Awards in 2021 and 2022." This accolade is a clear reflection of our pioneering spirit in embracing digital practices for the future of education. In the face of the challenges posed by the pandemic, we swiftly implemented a Learning Management System (LMS) using Google's platform, ensuring an uninterrupted learning journey for our students. Our dedication to knowledge-sharing extended globally, with international and national webinars benefiting over eighteen thousand participants worldwide. Beyond academics, actively engaged in community service and environmental initiatives offering our institution support



to river restoration projects and innovative endeavors for the Kerala State Road Transport Corporation. Our students have consistently achieved remarkable milestones, including victory twice in the AICTE Smart India Hackathon and numerous awards for our NSS and film club teams. Equally noteworthy is our consistent high pass rate over the past five years.

I extend my deepest gratitude to our dedicated faculty, supportive management, our cherished students, and their parents for their unwavering commitment and support. MBITS is more than an institution; it's a vibrant community shaping a brighter future.

I invite all stakeholders to join us on this exciting journey of knowledge, innovation, and collaboration. Your ideas and feedback are invaluable.

For further communication, please reach me at principal@mbits.ac.in or sojanlal@gmail.com.

Thank you for being an integral part of our remarkable journey.

Warm Regards,

Dr. P. Sojan Lal, M.Tech, MBA (UK), DBA (USA), PhD, FIE (India)
Principal, MBITS Engineering College

HOD's Message

"Hello Team,

As we step into a new month filled with fresh opportunities and challenges, it's time to reflect on our collective journey and celebrate our accomplishments.

Firstly, I want to extend my heartfelt appreciation to each and every one of you for your unwavering dedication and hard work. Your commitment to excellence is the driving force behind our department's success.

In the spirit of collaboration and innovation, let's continue to support each other and explore new ways to exceed expectations. Remember, our strength lies in our unity and diversity of thought.

As we move forward, let's keep communication channels open, share ideas freely, and embrace change with enthusiasm. Together, we can overcome any obstacle and achieve remarkable results.



Thank you for being an integral part of our team. Here's to a productive and fulfilling month ahead!

Best regards,

Prof. Johny Joseph, M.Tech
Professor & HoD,
Dept. of ECE, MBITS Engineering College

ACTIVITIES

A Talk on IEEE: A Unique Platform to Enhance Your Career



On May 30, 2022, SieHz, the ECE department association, in collaboration with the NDLI Club, MBITS, conducted a one-day talk titled “IEEE – A Unique Platform to Enhance Your Career.” The event featured Lt. Dr. T D Subash as the resource person and chief guest. With 69 participants in attendance, the talk highlighted the numerous benefits of IEEE membership, including access to global research, networking opportunities, and career development resources. Dr. Subash’s insights and experiences provided valuable guidance for students and professionals looking to leverage IEEE for career advancement and professional growth.

LED STAR MAKING

IEDC MBITS in association with ECE Department & Institution Innovation Council organised a workshop on led star & Christmas products making on 9th December 2022 at product development lab of MBITS. It was a one-day session and session were handled by students themselves. The session gave a practical hands-on training on LED star making and Christmas products for students.



LED WORKSHOP

LED workshop was well organized and conducted by Innovative & Entrepreneurship Development Center (IEDC) of Mar Baselious Institute of Technology and Science, in collaboration with institution innovation council Kothamangalam on 16/05/2022 at Integrated circuit lab at the collage in association with tech Olympiad '22 . It was a seminar cum interactive section which gave a brief introduction about overall aspects of light emitting diode. The resource person was Mr. Robin George, assistant professor from electronics and communication department , MBITS .He discussed



about the history of led and its developments over ages. The class was quite impressive as well as informative. Students irrespective of their collages and schools participated and made the programme a grand success. The main objective of the programme was to make an inter disciplinary awareness about diodes and its career opportunities.

ACHIEVEMENTS

OUTSTANDING STUDENT AWARD

Ms. Stellamol Sabu, department of Electronics & Communication Engineering has won the Best Outgoing Student Award - 2022 for her excellence in both academics and personal pursuits with a CGPA of 8.81 and highest activity point of 579 during her B.Tech. She passed her B.Tech degree in 2022 with Honours and got placed in 3 Major Companies, IBS software, TCS and Infosys. She was an active and dedicated member of IEDC cell and elected as Department Social Officer during 2019-2020, promoted to Chief Financial Officer during 2020-2021 and promoted to Chief Executive Officer of IEDC during 2021-2022. Won third prize in Ideathon conducted by IEDC in 2018 and attended IEDC Summit under KSUM in 2019 and volunteered the Summit in 2021 and 2022. She worked in the project, Mask Vending Machine which got selection for presenting in the IEDC Summit pre-cursor event.

Ms. Stellamol Sabu acted as one of the volunteer of National Resource Protection Force (NPRF) of Ernakulam district, Kerala, India and attended the training, representing MBITS. She was an active NSS volunteer and elected as an Executive Committee Member in NSS during 2019-2021. She was the Core Coordinator of the Campus Radio, MBEATZ during 2020-2021 and worked as Radio Jockey during 2018-2022. She is an exceptionally outstanding Anchor during the online programs.



ACADEMIC EXCELLENCE AWARD – 2022

Ms. Sijina C J was an undergraduate student in the department of Electronics & Communication Engineering during 2018-2022. She has been excellent in her studies and passed

out B.Tech with a very good CGPA of 9.05 in a ten-point scale in 2022 and was the class topper. Apart from studies, Ms. Sijina C J selected as NSS Active Head, active participant in the department, college and inter college events. Received appreciation letter from the Principal for coordinating college arts fest, Rhythm 2K21. She won second prize in Zygon Hackathon 2021, selected to final round of Smart India Hackathon 2022 and participated in state level Hackathon, HACK'US 1.5. She got placement in TCS and IBS. Certified for completing MOOC courses on RPA Developer foundation by UI Path Academy, Artificial Intelligence by IBM, Robotics by ASAP and Google cloud by Coursera.



BEST NSS VOLUNTEER AWARD

Mr. Pavan Eldho Sleeba was the Volunteer Secretary during the year 2020-21 of NSS unit 571. Pavan Eldho Sleeba served for the NSS remarkably well for the two academic years and coordinated the NSS Activities during Covid'19. Pavan Eldho Sleeba took the lead role in developing the Jeevana Mobile Application for Blood donation.



PLACEMENT RECORD

For the academic year 2021-2022, students attended placement drives for 36 companies and we have received a total of 234 offers with almost 165 students placed with major companies like TCS, WIPRO, INFOSYS, IBS, UST GLOBAL, SOTI, HEXAWARE and many more. The maximum salary package offered is 5.5 LPA and average package is 3 LPA.



Sreelakshmi Chandran
Experion



Sijina C J
TCS



Stellamol Sabu
TCS,IBS, Infosys



Anna Merin Mathai
Speridian



Noornubeena Aliyar
Suyati



Alen Issac
Hexaware

VISION & MISSION OF THE INSTITUTE

Vision of the Institute

- To nurture a positive campus culture and equip the younger generation to take our nation forward.

Mission of the Institute

- To provide graduate level technical education in the existing / conventional branches, as well as in the newly emerging fields.
- To build up a centre of technical excellence for post-graduate studies and research in all fields of human endeavour.
- To help the youth of rural agricultural background to change with times, and join the mainstream of industrial growth and information technology.
- To impart ethical values of our Indian tradition to the future generation.

VISSION & MISSION OF ECE DEPARTMENT

Vision of the Department

- To be a centre of excellence to produce globally competent technocrats who can advance our nation.

Mission of the Department

- To provide quality education and training through effective teaching-learning practices
- To solve the complex technological problems of modern society in the various fields related to Electronics & Communication Engineering
- To nurture students to improve their leadership and entrepreneurship skills with core values



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