



PRINCIPAL'S MESSAGE

There has been a major emphasis in generation of green energy among the countries all over the world including India. Solar energy has been identified as a significant source for meeting the fast growing electricity demands. When we look at the solar power capacity, India currently has the 5th position globally in terms of installed capacity. It is reported that the country's solar installed capacity has experienced a monumental increase to three times over the last five years. With the Production Linked Incentive (PLI) policy and aggressive targets India is expected to achieve 500 GW of renewable energy capacity by 2030. With the advancement in technology, more efficient and less costly solutions for solar energy generation are becoming a reality. However, associated challenging issue that needs to be addressed over the years is the recycling of the solar panels when they become inefficient or reach the end of their life. Looking at the present trend and the strategies being adopted by the governments, studies show that about 20-25% of the world's total electricity needs could be met with solar energy by 2050. At the same time, this will result in millions of tons of Solar Panel Photo Voltaic (PV) waste that needs to be recycled. Different recycling processes are in place based on the Solar Panel technologies such as silicon based and thin film based. And research is on for more efficient and innovative recycling processes to minimise the e-waste. On a positive note, we can expect that PV recycling will create more green job opportunities in the future!

Dr. S. Viswanatha Rao

EXODOS 2024
COURSE COMPLETION CEREMONY
BENEDICTORY ADDRESS
HIS BEATITUDE MORAN MOR BASELIOS
CARDINAL CLEEMIS CATHOLICOS
Patron, Manager, MBCET
Major Archbishop of Trivandrum
DATE : 3RD AUG 2024 TIME : 10:00 AM
VENUE : GIRIDEEPAM CONVENTION CENTRE,
NALANCHIRA

ICID 2024

Registrations for the Preconference Workshops of Second International Conference on Infrastructure Development (ICID 2024): Sustainability, Resilience and Transformational Adaptation, are open. For more details regarding Registration Visit <https://www.icid24.in/>

- **Workshop #1** “Applications of GIS in Urban Infrastructure Development and Monitoring” In Association with: Indian Institute of Space Science and Technology, Thiruvananthapuram
- **Workshop #2** “Structural Condition Assessment of Concrete Structures using NDT Methods & Rehabilitation” In Association with: Matter Lab, Kozhikode
- **Workshop #3** “Innovations in Pavement Engineering and Recycling for a Sustainable Infrastructure” In Association with: Department of Civil Engineering, Indian Institute of Technology Madras.

INFOSYS SPRINGBOARD CERTIFICATION

Dr. Tessa Mathew, Professor, CSED, completed the Artificial Intelligence Foundation Certification and the Artificial Intelligence Primer Certification by Infosys Springboard.

TALK SESSION



Mr. Aswin P Chandran



Dr. Jayaram V.

The Department of Computer Science and Engineering in association with CSI SB and ACE organized a Talk session for Second year CSE B Tech students regarding “How to crack GATE Exams” on 31 July 2024. **Dr. Jayaram V.**, Head and Advisor, CGP Career, **Mr Aswin P. Chandran**, Director Edzumo Pvt Ltd, were the resource persons. Faculty Coordinators: Ms. Deepthi K Moorthy, Mr Anand Haridas, Ms Merlin George.

Vision: To be an Institution moulding globally competent Professionals as epitomes of Noble Values.

Mission: To transform the Youth as technically competent, ethically sound and socially committed professionals, by providing a vibrant learning ambience, for the welfare of humanity.



LIBRARY UPDATES



MBCET Library conducted Seminar “Value of IEEE Xplore and EBSCO eBooks in Project Work” for S7 EC, EE & CS BTech Students on 24 July 2024. The Resource Person was **Mr. Nandalal T. S.**, Sr. Training Manager, EBSCO. MBCET Library conducted Seminar “Effective Utilization of the Library and E-Resources of MBCET” for S7 CE & ME BTech students on 25 and 26 July 2024. Resource Person was **Mr. Binu K. John**, Librarian.

PAPER PUBLICATION

- **Lekshmi Chandran M.**, Asst. Prof, of CE Department, published the work, ‘Effect of Poisson’s Ratio of Developed Coir Latex Composite’ co-authored by Dr. Jaya V and Dr. K Balan in the Material Circular Economy, July 2024, Volume 6, article number 42. <https://doi.org/10.1007/s42824-024-00125-w>.
- **Lekshmi Chandran M., David Cicin Iraniose., Anna Angel Thankachan., Hima S. V. Kumar., S. S. Vaibhav., Jaya V., Balan, K.**, published the work ‘Effect of Latex Content on Morphological Behaviour of Coir-Latex Composite’. Material Circular Economy, July 2024 Volume 6, article number 41. <https://doi.org/10.1007/s42824-024-00126-9>

NEWLY JOINED FACULTY IN THE DEPT. OF CSE AS ASST. PROFESSORS



Ms. Bibi Annie Oommen



Ms. Jayalekshmi J.

SPANDANAM ACTIVITY



The Spandanam team from the ECE department visited the family of a bedridden patient residing near Parottukonam and donated an amount to support their medical needs. Faculty Members: **Dr. M. J. Jayashree, Ms. Teena Rajan, Mr. Jinu Baby and Ms. Merin Philip.** Student members : **Aleena Maria Sam, Deepak G. Thomas, Ann Mary Biju.**

FACULTY DEVELOPMENT PROGRAMMES

- **Ms. Shyju Susan Mathew, Ms. Sheenu P., Ms. Revathy K. P., Dr. Sheryl Arulini, Ms. Neetha Chandran and Ms. Parvathy C. J.**, Assistant Professors, EED participated in the National Level online event "Matlab for Engineers: An Experiential Learning" organized by Department of Electrical and Electronics Engineering, MIT-Manipal in association with Mathworks India Pvt Ltd from 18 June to 18 July 2024
- **Ms. Shyju Susan Mathew , Ms. Surasmi N. L., Ms. Shilpa Susan Peter, Dr. Dishore S. V., Ms. Vrinda Prasad, Ms. Neetha Chandran and Ms. Parvathy C. J.**, Assistant Professors, EED participated in the Mathworks Training on Simulink and UAV Control for MBCET organized by Mathworks Training Services from 9 to 11 July 2024
- **Ms. Revathy K. P.** , Assistant Professor, EED participated in the Faculty Development Programme on “AI @ Energy Efficiency” organized by the Department of Electrical and Electronics Engineering, Vimal Jyothi Engineering College from 26 to 28 June 2024.
- **Dr. Dishore S. V.**, Assistant Professor, EED participated in the workshop on “Micro-grid Systems, Simulations and Implementation using MATLAB” organized by the Department of Electrical and Electronics Engineering, Amal Jyothi College of Engineering, Kanjirappally from 22 to 26 July 2024.

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PLACEMENT



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Placement Unit
Mar Baselios College Of Engineering and Technology

Total offers as on 02-08-2024 : 357



Number of students placed: 7



A S Raj Krishnan
CE



Anija A R
CE



Ashmi Issac
CE



Dhiya A J
EEE



Binita Susan Thomas
CE



Janani Jaikumar Thampy
CE



Muhammed Dhanish J
CE



Number of students placed : 1



Rashma Smitha Sajan
CSE



ADMISSIONS 2024



MAR BASELIOS

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MBT

NBA Accredited Programmes

B.Tech Civil Engineering.	120 seats
B.Tech Computer Science and Engineering.	120 seats
B.Tech Electronics and Communication Engineering.	120 seats
B.Tech Electrical and Electronics Engineering.	60 seats
B.Tech Mechanical Engineering.	90 seats

M.Tech Programmes

M.Tech Computer Science and Engineering.	18 seats
M.Tech IoT and Sensor Systems.	18 seats
M.Tech Machine Design.	18 seats
M.Tech Power Control and Drives.	09 seats
M.Tech Structural Engineering.	18 seats
M.Tech Telecommunication Engineering.	18 seats
M.Tech Transportation Engineering.	18 seats
M.Tech Environmental Science and Engineering.	18 seats
Ph.D in all branches.	

New B.Tech Programmes started in 2022

B.Tech Computer Science and Engineering(Artificial Intelligence).	60 seats
B.Tech Electrical and Computer Engineering.	60 seats

General Enquiry

7012025625 / 9447405869

0471-2545868

NRI Admission

9447211341

Contact
Numbers
for
Admissions

Established: 2002
NBA Accreditation: Since 2016
NAAC Accreditation (A Grade): Since 2016
Autonomous: Since 2020



MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

Mar Ivanios Vidyannagar, Nalanchira, Thiruvananthapuram-695015, Kerala

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