


MAR BASELIOS

COLLEGE OF ENGINEERING AND TECHNOLOGY

AUTONOMOUS

MBCET
Bulletin

College Code : MBT. Accredited by NAAC with A grade. Five B.Tech Programmes accredited by NBA since 2016.

@officialmbcet



PRINCIPAL'S MESSAGE

Bonsai plants are cute exhibits as showpieces. But unless destined to be so, these plants would have grown tall and big and gave shelters to many. According to the gardening practice, the potted bonsai plant gets less water and less nutrition. In the case of Individuals and Institutions such treatments are not intentional but incidental to the known or unknown steps taken in the development process by which the adequate momentum of growth is not facilitated or imparted by timely and sensible interventions. An Institution's life is eternal and it requires perennial support and care like the banyan tree. In the case of Individuals the duration needed for a total change in life and status is quite short compared to the time required for an Institution. We have seen the grandeur of some big businessmen rising to the pinnacle of fame and some are falling too. In the case of an Institution the fall can never be allowed because by the time it attains the top notch level of performance it would have acquired a big human resource too. So the accountability is quite expansive and the consequence will be highly devastating. Let all stakeholders contribute relentlessly to the incremental growth and outreach so that like a big tree every Institution protects a large ecosystem around it. When we look back, 2023 has been a good time for our College. So we are heading towards the new year with joy and pride. We are deeply indebted to all our Stakeholders, Individuals, Industries, Alumni, Parents and so on.

Season's Greetings to all our beloved readers and well-wishers

Dr. Abraham T Mathew

TENNIS WINNER

Vishnu J.Nair, Alumnus (CSE 2017-21) participated in the Trivandrum Tennis Premier League 2023, held at Trivandrum Tennis Club and became the Winner in his category.



LIBRARY UPDATES

MBCET Library conducted a Colloquium on “**Designing Components of a Modern Library**” on 1 December 2023 at Senatus Hall. The Speaker was **Fr. Dr. John Neelankavil CMI** (johnneelankavil.weebly.com, www.libraryplanning.in) Librarian & Faculty, DVK Dharmaram College, Bangalore. Asst. Bursar, Vice-Principal, Deans, HoDs, Senior Professors, Library Advisory Committee Chairman and Members, (LAC) were present. **Mr. Binu K John**, Librarian welcomed the guest and **Mr. Sijo Saji**, Assistant Professor (CED & LAC Member) proposed the vote of Thanks.



INDUSTRIAL VISIT TO KEL



43 students from S5 EE along with **Dr. Soumya A V** and **Mr. Aswin R B** visited Kerala Electricals and Allied Engineering Co Ltd (KEL) Mamala on 8 December 2023.

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.

CII- KERALA ECONOMIC CONCLAVE



Confederation of Indian Industry (CII) Thiruvananthapuram Zone hosted the Kerala Economic Conclave on 07 December 2023 at Hotel Hilton Garden Inn. The Conclave focused on themes: Kerala Economic Growth Model- the path ahead, Emerging trends in GST, Customs, Direct Tax, and MSME driven Economic Growth for Kerala.

Distinguished speakers included: **Shri. Sanjay M Kaul** IAS, Secretary Finance Department, Govt of Kerala, **Prof. VK Ramachandran**, Vice Chairperson Kerala Planning Board, **Ms. A Bhuvaneshwari**, Chief General Manager, SBI, **Mr. Satyaki Rastogi**, Chief General Manager, SIDBI, **Mr. P Ganesh** - Executive Director- Glass Glazing Systems, Pvt Ltd, **Mr Prasad Unnikrishnan**, **Mr. PS Krishnan Partners**, Grant Thornton LLP **Shri. T G Venkatesh**, Central GST Commissioner, Kerala and **Mr Jijimon Chandran**, Founder & CEO of ACSIA Technologies.

Dr. Premchand V P Asst. Prof. in ME, **Dr. Shalu George K** Asst. Prof. in EEE, **Ms. Jean Molly Simon** Asst. Prof. in CE, **Ms. Merlin George** Asst. Prof. in CSE, **Ms. Parvathy C J** Asst. Prof. in ECE, **Dr. Veena Nair** Asst. Prof., Dept of S&H, **Mr. Vipinkumar K C**, COO, Corporate Relations, **Mr. Abel George** - Training and Placement Officer attended the programme. College is an institutional member of CII.

PAPER PUBLICATION

- **Prathap P, Jayakumari J**, "An improved neural network-based saliency detection scheme for light field images," *Multimed Tools Appl* (2023). doi:10.1007/s11042-023-17683-x (SCIE indexed published online)
- **J. L. Lakshmi, J. Jayakumari**, "A Novel Resource Sharing Channel Interleaver for 5G NR," *Advances in Electrical and Computer Engineering*, vol.23, no.4, pp.61-68, 2023, doi:10.4316/AECE.2023.04007 (SCIE Indexed published online)

VISIT TO ICFOSS



Students of S3 EC2 visited the ICFOSS, Greenfield stadium Karyavattom on 11th December 2023. The Team of 54 students were accompanied by **Dr. Ancy S Anselam**, Asso. Professor, **Mrs. Anu Susan** and **Mr. Sreekumar M G**, Asst. Prof., ECE.

PROJECT EXHIBITION

A group of students completed a successful internship at the IEDC Maker Studio and exhibited their internship project, a smart home/office automation device at the Navajeevan Bethany Vidyalaya on 30 November, 2023. The Student Team, **Gouri Sankar** (S3 EC1), **Kurien P Issac** (S3 EC1), **Alwin John** (S3 EC1), and **Vishnu B. S.** (S3 EL), designed a cutting-edge device capable of seamless integration with existing wiring infrastructure. Under the guidance of **Mr. Jijo Jose**, Assistant Prof., ECED and with the invaluable support of **Mr. Chandramohan**, Lab Instructor, IEDC Maker Studio, the Students demonstrated their Technical prowess and dedication. The project's exhibition at Navajeevan Bethany Vidyanala showcased the Team's commitment to practical applications of their skills.



FACULTY PARTICIPATION

Dr. Nisha G. K, Prof. EED participated in the inaugural session of IEEE Kerala Section's 40th Anniversary Celebrations at Mascot Hotel on 10 December 2023.



FDP ATTENDED

Ms. Diana Alice Sugunan, **Ms. Radhika P** and **Ms. Jomy James** Faculty Members, Dept. of CE attended an FDP on the topic "Unveiling the latest advancements in Material Characterization in Civil Engineering" conducted at College of Engineering Thiruvananthapuram from 04 to 08 December 2023.



MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY(AUTONOMOUS)
Seventh Semester B.Tech Degree (Regular) Examination, January 2024 (2020 Scheme).
(2020 Admission) Starting on 03 January 2024

TIMETABLE

(All sessions from 09:30am to 12:30pm)

(A) CIVIL ENGINEERING

DAY, DATE, SESSION	COURSE CODE	COURSE NAME
SATURDAY 06.01.2024 FN	EE0U41C	Renewable Energy Systems
	EE0U41D	Electric Vehicles
	EC0U41D	IoT and Applications
	ME0U41D	Renewable Energy Engineering
	ME0U41C	Automotive Technology
TUESDAY 09.01.2024 FN	CE1U41H	Municipal Solid Waste Management
	CE1U41C	Highway Materials and Design
	CE1U41E	Construction Planning and Management
FRIDAY 12.01.2024FN	NC0U40A	Industrial Safety Engineering
MONDAY 15.01.2024FN	CE1U40A	Design of Steel Structures

(B) COMPUTERSCIENCE AND ENGINEERING

DAY, DATE, SESSION	COURSE CODE	COURSE NAME
SATURDAY 06.01.2024FN	EE0U41D	Electric Vehicles
	EC0U41D	IoT and Applications
	ME0U41D	Renewable Energy Engineering
	ME0U41C	Automotive Technology
	CE0U41E	Environmental Health and Safety
TUESDAY 09.01.2024FN	CS1U41A	Machine Learning
	CS1U41C	Security in Computing
	CS1U41E	Web Programming
FRIDAY 12.01.2024FN	NC0U40A	Industrial Safety Engineering
MONDAY 15.01.2024FN	CS1U40A	Artificial Intelligence

(C) ELECTRICAL AND ELECTRONICS ENGINEERING

DAY, DATE, SESSION	COURSE CODE	COURSE NAME
SATURDAY 06.01.2024FN	EC0U41D	IoT and Applications
	ME0U41D	Renewable Energy Engineering
	ME0U41C	Automotive Technology
	CE0U41E	Environmental Health and Safety

(C) ELECTRICAL AND ELECTRONICS ENGINEERING continue

TUESDAY 09.01.2024FN	EE1U41A	Electric Drives
	EE1U41F	Illumination Technology
	EE1U41G	Digital Protection of Power Systems
FRIDAY 12.01.2024FN	NC0U40A	Industrial Safety Engineering
MONDAY 15.01.2024FN	EE1U40A	Advanced Control Systems

(D) ELECTRONICS AND COMMUNICATION ENGINEERING

DAY, DATE, SESSION	COURSE CODE	COURSE NAME
WEDNESDAY 03.01.2024FN	EC1H40A	RF MEMS
SATURDAY 06.01.2024FN	EE0U41C	Renewable Energy Systems
	EE0U41D	Electric Vehicles
	ME0U41C	Automotive Technology
	CE0U41E	Environmental Health and Safety
TUESDAY 09.01.2024FN	EC1U41A	Optical Fiber Communication
	EC1U41E	Error Control Codes
	EC1U41F	Machine Learning
FRIDAY 12.01.2024FN	NC0U40A	Industrial Safety Engineering
MONDAY 15.01.2024FN	EC1U40A	Microwaves and Antennas

(E) MECHANICAL ENGINEERING

DAY, DATE, SESSION	COURSE CODE	COURSE NAME
WEDNESDAY 03.01.2024FN	ME1H40C	Precision Machining
SATURDAY 06.01.2024FN	EE0U41C	Renewable Energy Systems
	EE0U41D	Electric Vehicles
	EC0U41D	IoT and Applications
	CE0U41E	Environmental Health and Safety
TUESDAY 09.01.2024FN	ME1U41D	Aerospace Engineering
	ME1U41F	Operations Management
FRIDAY 12.01.2024FN	NC0U40A	Industrial Safety Engineering
MONDAY 15.01.2024FN	ME1U40A	Design of Machine Elements



ADMISSIONS 2024



MAR BASELIOS

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous College affiliated to APJ Abdul Kalam Technological University)

Code

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
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

Contact
Numbers
for
Admissions

General Enquiry

0471-2545868 (Working days)
9446572809 (M)

NRI Admission

94472 11341(M)

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



MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY

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(Managed by Malankara Catholic Educational Society of the Archdiocese of Trivandrum)

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