



Echoes

2022-23



BASELIOS MATHEWS II COLLEGE OF ENGINEERING



Lake View, Muthupilakadu, Poruvazhy.P.O
Sasthamcotta, Kollam-690520

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NAAC B+ACCREDITED ,COLLEGE WITH NBA, ACCREDITED PROGRAMMES

News Letter of Baslios Mathews II College of Engineering



ABOUT US

Baselios Mathews II College of Engineering (BMCE)

The noble commitment to serve humanity through the elixir of technical education has led to the establishment of BMCE as an institute par excellence. We believe we can impregnate students with the zeal and vigor that we ourselves are endowed with. We strive to meet the standards of technical excellence and creativity and to provide the opportunities in this global village

Baselios Mathews II College of Engineering (BMCE) is named after its founder Chairman, the late H H Moran Mar Baselios Marthoma Mathews II, the sixth Catholicos of the East and the Malankara Metropolitan of Malankara Orthodox Church. BMCE is managed by Dr. C T Eapen Trust under Malankara Orthodox Syrian Church. The institution started functioning in 2002 with the monumental objective of promoting academic excellence and competence in students, especially in the fast-growing global domain of Engineering and Technology. Located in the picturesquely beautiful Muthupilakadu in Sasthamcotta in the Kollam district of Kerala, the college stands out for its magnificent buildings and ultra-modern Infrastructure; a fascinating blend of architectural excellence and functional values. Affiliated to the University of Kerala and later to APJ Abdul Kalam Technological University, this self-financed institute currently provides six AICTE-approved UG courses and one PG course.

EDITORIAL BOARD

Rev. Fr. Thomas Varghese
(Director)

Dr.L.Padma Suresh
(Principal)

Pro.Oommen Samuel
(Vice Principal)

Rev.Fr.Dr.K.M.Koshy Vaidyan
(Dean – Student Affairs)

Dr.Kim J.Seelan
(Dean – Academics)

Rev.Fr.Aby Varghese
(Project Manager)

Dr.Nishi.S.Das
(Convenor–BMC Echoes, EEE)

Prof.Vishnu Vijayan
(Editor – BMC Echoes)

Mrs.Jincy Mathew
(Co-Convenor, BMC Echoes)

Mr.Aneesh.S
(Co-ordinator, BMC Echoes)

Mr.Anandhu Dileep (S7 MECH)

Ms.Rehana Rahim (S7 EEE)

Ms.Helan Mariam Aipe (S7 CSE)

Mr.Shijin.K.Saji (S7 ECE)

VISION

To become an icon of technical education that creates responsible professionals with social commitment.

MISSION

To provide the best learning with individual attention to students by imparting ICT enabled pedagogy, critical thinking skills and problem-solving to inspire lifelong learning with strict adherence to the principles of academic integrity and transform them into technically competent engineers



Late Lamented H.H. BASELIOS
MARTHOMA MATHEWS II
FOUNDER



H G ZACHARIAH
MAR ANTONIOS METROPOLITAN
MANAGER



Late Fr. Dr. C.T.EAPEN
FOUNDER, CT EAPEN TRUST



H.H. Baselios Marthoma
Mathews III
Malankara Metropolitan & Catholicos of the East

Director's Message



Rev. Fr. Thomas Varghese

It is indeed a matter of pride and privilege for the BMCE that we are publishing academic and other achievements in the newsletter for the year 2022-23.

The students and staffs will get more recognition when their awards / achievements are published through the newsletter, I wish all success for the endeavours.

Principal's Message

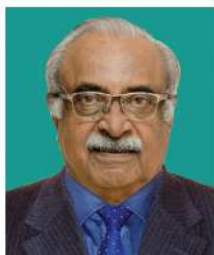


Prof. Dr. L. Padma Suresh

I am extremely delighted to note that the newsletter of the BMCE is being released. I congratulate the editorial team of students and faculty behind this venture.

It gives me immense pleasure to see the achievements of the students through the newsletter. It would definitely be an inspiration and motivation for all the students and staffs to contribute more in the forthcoming years.

Administration Team



PROF. OOMMEN SAMUEL
VICE PRINCIPAL



Rev. Fr. Dr. K.M KOSHY VAIDYAN
DEAN - STUDENT AFFAIRS



Fr. ABRAHAM VARGHESE
PROJECT MANAGER



Very Ramban DANIEL.C
Superior Mount Horeb Ashram

Excellence, Credibility, Relevance by NAAC

National Assessment and Accreditation Council (NAAC)



National Assessment and Accreditation Council (NAAC) is a government organisation in India that assesses and accredits Higher Education Institutions. It is an autonomous body funded by University Grants Commission (UGC), Head Quartered at Bangalore. The main objective of NAAC is to make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives. BMCE was awarded with B+ Grade by NAAC on March 1st 2021. This grade indicates that the institution exceeded the performance expectations in most aspects of its functions and responsibilities.



Yet another feather on the cap of BMCE

NATIONAL BOARD OF ACCREDITATION (NBA)



National Board of Accreditation (NBA) is an accrediting body estd. by AICTE to assess the qualitative competence of the programs offered by the educational institutions. NBA conducts evaluation of the program on the basis of the laid down norms. This may include, but not limited to Institution mission & objectives, governance, infrastructure facilities, quality of teaching & learning, curriculum design & review and support service.

The expert team of NBA conducted inspection on 22nd to 24th April, '22. Based on the report, NBA granted accreditation for the UG courses of Computer Science & Engineering and Mechanical Engineering, on 8th August 2022. This affiliation is for a period of three academic years starting from 2022-'23 to 2024-'25. The college aims to achieve accreditation for the other branches in the coming academic year.

राष्ट्रीय प्रत्यायन बोर्ड NATIONAL BOARD OF ACCREDITATION

चौथी मंजरी, इंदिरा टावर, 4th फ्लोर, ईस्ट टॉवर, नई दिल्ली-110003
8th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



F.No- 26-69-2017-NBA

Date: 17.08.2022

To,

The Principal
Baselios Mathews II college of Engineering,
Lake View, Muthuplakad,
Poruvazhy, Sasthamcotta,
Quilon District, Kerala - 690520

Subject: Accreditation status of programs applied by Baselios Mathews II college of Engineering, Lake View, Muthuplakad, Poruvazhy, Sasthamcotta, Quilon District, Kerala - 690520.

Sir,

This has reference to your application I.D. No. 5727-21/06/2021 seeking accreditation by National Board of Accreditation to UG Engineering programs offered by Baselios Mathews II college of Engineering, Lake View, Muthuplakad, Poruvazhy, Sasthamcotta, Quilon District, Kerala - 690520.

2. An Expert Team conducted onsite evaluation of the programs from 22nd to 24th April, 2022. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The Competent Authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Computer Science & Engineering		Accredited		Accreditation status granted is valid for the period indicated in Col-5 or till the program has the approval of the Competent Authority, whichever is earlier
2.	Mechanical Engineering	Tier II June 2015 Document	Accredited (623 marks awarded by the Visiting Team reduced to 608 as per the Observations made and indicated in the Annexure to this letter)	Academic Years 2022-2023 to 2024-2025 i.e. up to 30-06-2025	

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

Chaitanya Contd./



INSTITUTIONAL ACHIEVEMENTS

ADDITIONAL BATCH

The Department of Computer science and Engineering was approved with additional batch of 60 students for the academic year 2022–2023. The total intake for the department rose to 120.

MEMORANDAM OF UNDERSTANDING (MOU)

Department of Civil Engineering signed a MoU with Indian Institute of Infrastructure and Construction. The scope of the MoU permits students who enter fifth semester to enroll for a dual certification program and complete PG Diploma in Advanced Construction Management (PGD ACM) immediately after finishing their eighth semester. Internships, labs and industry

visits are part of this hybrid program, Faculty immersion program equips engineering tutors to get an industry exposure along with their already existing academic credentials. A long term mutually beneficial association with BMCE and IIIC is expected. Prof.(Dr.) Sunil Kumar B Director and Er. Raghavan K (Deputy Director) IIIC along with their team welcomed and initiated the MoU signing followed by campus visit and lunch.



The college signed an MoU with of inCAETEK, an Engineering skilling business provider with the objective of imparting R & D industry oriented skill training to UG & PG engineering students. The objective of the project is to empower selected students at BMC by integrating co-curricular sessions on contemporary practices in product development industry toward pursuing promising career in Design Engineering.

MOU between Botz embedded solutions & ECE department made on 28 th Nov 2022, to improve the academic excellence with training investigation and research.



TESSERACT

DESIGN • BUILD

To build industrial exposure and relative knowledge for engineering students of BMCE, Department of Civil Engineering signed an MOU with Tesseract Interior Decoration LLC, Dubai on the 24th of February, 2022.

INSTITUTIONAL ACHIEVEMENTS

INTERNATIONAL CONFERENCES/SEMINARS

Elsevier Sponsored
INTERNATIONAL CONFERENCE ON MATERIAL SCIENCE AND COMPUTATIONAL ENGINEERING

ICMCE - 2022 18th NOVEMBER 2022





Dr. VINOD THOMAS
Dean Academics APJ Abdul Kalam Technological University, Kocche



Dr. ROBIN TOMMY
Coach, Digital Impact Square, TCS
Strategic Info Consultancy Services



Prof. ADEL AL-JARRAH
Professor, Electrical Engineering
University of Technology, Iraq



Prof. NARIGAN MUTHU KUMAR
Professor, Faculty of Engineering
University of Technology, India



Dr. REMY BOY
Professor, Department of Mechanical
Engineering TNA College of Engineering



Mrs. LEKSHMI DINACHARAN
Research Editor, Book Reviews,
Science Communicator

**BASELIOS MATHEWS II COLLEGE OF ENGINEERING
SASTHAMCOTTA, KOLLAM**

Accredited with NBA, Grade B+ by NAAC & An ISO 9001 : 2015 Institution
Ministry of Electronics & Information Technology, Govt of India





Elsevier sponsored International conference on “Materials Science and Computational Engineering” was organised on 18th Nov 2022. The conference witnessed overwhelming response, further shortlisting 150 research articles for presentation and publication. BMCE aims to conduct more such conferences in the future.



One day seminar on “Research Article Writing and Publication Techniques” was held on 18th November, 2022. Ms. Lekshmi Dinacharan, Research Editor, Book Reviewer, Science Communicator handled the session. The primary goal of organising this seminar was to familiarise participants on writing effective research papers in Scopus and SCI indexed journals and writing effective research proposals based on the requirements of various funding agencies.

One day seminar on “Designing products based on Consumer Behaviour” was held on 18th November, 2022. The main objective of organising this seminar was to understand the values affecting consumer choices that has a significant impact on the products and services consumers seek and purchase. Resource person, Mr. Robin Tommy (Coach, Digital Impact Square, TCS) and other faculty members were also present

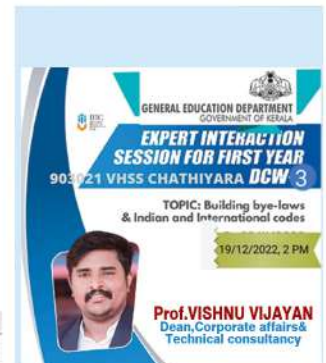


Corporate Social Responsibility (CSR) Activities

Expert Interactive Sessions

As part of General education department Program , Govt of Kerala (VHSE Wing) Our Technical consultancy Dean , Prof. Vishnu Vijayan had given expert interactive session based on the Topics of Building bye laws & Indian and International code, Construction safety rules and regulations in construction sector & Building construction. There are 520 students had attended the sessions. Expert session had taken for the following vocational Schools,

1. VHSS for Girls Thiruvallam, Tarivandrum
2. SNGDVHSS Kuzhikkalidavaka Puthoor
3. MPVHSS Kumbazha, Pathanamthitta
4. ST GEORGE VHSS Chowallor ,Kollam
5. VHSS Chathiyara , Alappuzha
6. IGMVHSS Manjakala, Kollam
7. KRKPM BHS & VHSS, Kadampanad.
8. VVVHSS, Ayathil, Kollam
9. KNNM VHSS Pavithreswaram



Prof Vishnu Vijayan , Dean Technical Consultancy given an Expert Talk (live webinar) on 21.01.2022, jointly organised by Department of Civil Engineering, Amrita University Coimbatore and American Society of Civil Engineers (ASCE) on the topic of construction safety.

An expert talk on Artificial Intelligence and Automation was conducted at St.Gregorious HSS, Kotarakara on 22nd Nov 2022 by Prof.Dennise Mathew and faculty team to give insights and career guidance on trending and emerging technologies. Innovation and Startup awareness was the highlight of the event, which received good feedback and innovative ideas from the students.



TECHNICAL CONSULTANCY

1. The Consultancy Provide the Technical Support for the overall completion of the works
2. Provide free of cost plan and estimate for the houses
3. The Consultancy Monitor the whole work as per the building rules and regulations
4. The Consultancy conducts technical as well as general awareness class for the beneficiaries.
5. The Consultancy ensure the timely completion of work without compromising quality of work.
6. The consultancy provides work related material testing and inspection.
7. The consultancy conduct work site inspection on the basics of weekly and monthly.

Evidence of success

We have successfully completed more than 154 houses in different jurisdiction within the stipulated time.



VOLLEY BALL AND BADMINTON TOURNAMENT

An All Kerala Interschool Volley Ball (for boys) and Badminton (for girls) was organised on 5th and 6th Dec,'22 to offer a competitive platform for all representing schools to perform and encourage sporting activities among students.

The event was inaugurated by Mr. Elias P George (CI of Cyber Police Station, Kollam Rural). BMCE's CSR initiative of fostering leadership, team work and social networking among the student community in the new normal post pandemic was the primary objective of hosting this event.



INSTITUTIONAL ACHIEVEMENTS

TECH FEST

The Tech Fest **"JWALA 2022"** was held on MAY 13-14, 2022. Exciting activities such as Games, Stunt show, a 3D show, Auto Expo, Mud Mash, Virtual Reality were performed. Techfest is BMC's annual science and technology festival that includes social initiatives and outreach programmes all year. Every year, the fest was organised with the goal of providing a platform for students to showcase their talent in a competitive spirit and its most recent edition attracted over 1000 visitors. The activities culminate in a three-day campus event that draws people from all over the state, including students, academics, corporations, and the general public. The event was well-planned and executed by our departments, and it was a huge success.



INSTITUTIONAL ACTIVITIES

FIRST YEAR INAUGURATION



The Inauguration ceremony and talent day commencement of the new academic year was organised on 3rd November, 2022. The ceremony was blessed by H.G.Zachariah Mar Anthonios Metropolitan and presided by Shri. Shyam Mohan, Programme Director, VSSC, ISRO. His talk inspired the students to come out of their comfort zone and achieve their best in professional life ahead.

FACULTY ACHIEVEMENTS

Dr. L Padma Suresh

Our Principal has been conferred with an award on Professional Leadership from Institute of Aeronautics, Astronautics and Aviation.

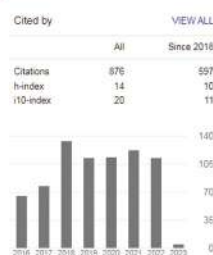


Google Scholar Citation

Dr.L.Padma Suresh,M.E,Ph.D(EE),Ph.D(CS) FOLLOWING

Principal, Basileos Mathews II College of Engineering
Verified email at niuniv.com
Artificial Intelligence Image processing Power Electronics Control Systems
Neural Networks and its Ap...

TITLE	CITED BY	YEAR
Image segmentation using seeded region growing MMSJ Preetha, LP Suresh, MJ Bosco 2012 International Conference on Computing, Electronics and Electrical ...	121	2012
A brief review on multi level inverter topologies LP Suresh 2016 International conference on circuit, power and computing technologies ...	111	2016
Image segmentation based on genetic algorithm for region growth and region merging S Angelina, LP Suresh, SHK Vani 2012 International conference on computing, electronics and electrical ...	62	2012



SCOPUS Preview



FACULTY ACHIEVEMENTS

Dr.Nishi.S.Das

Congratulations to Dr.Nishi S Das, Associate Professor and Research Coordinator received Doctoral Degree on Medical Image Processing from Noorul Islam Centre for Higher Education.



Prof.Priya Gevarghese

Prof.Priya Geevarghese, EEE Department joined for PhD at APJ Abdul Kalam Technological University. Research area is Power and Energy System.

Prof. Darsana S Babu

Asst.Professor, ECE Department, NSS Programme Officer, was selected to lead the Kerala Contingent in the prestigious NSS Republic Day Parade Camp, 2023 to be held at New Delhi.



Prof. Karthika.M.S

Prof.Karthika M S, Dept of EEE joined for PhD at APJ Abdul Kalam Technological University. Research area is Power and Energy System

Prof.Jayakrishnan.R

Congratulations to Prof. Jayakrishnan R, Asst Professor, Dept of CSE selected to present a research paper on Global Insight Conference on Breast Cancer at Rome, Italy and joined for PhD at Vel Tech Univesity, Chennai. Research area is Bioinformatics with Machine Learning



Prof. Sujatha.S

Prof. Sujatha S, Dept of EEE joined for PhD at Annamalai University. Research area is Power Electronics

Prof. Dennise Mathew

Prof. Dennise Mathew, HoD, Dept of CSE joined for PhD at Kalasalingam Academy of Research and Education, Research Area is Artificial Intelligence and Machine Learning.



Prof. Shyma.S

Prof. Shyma S, Dept of EEE joined for PhD at Annamalai University. Research area is Power Electronics

Prof. Vishu.V

Prof. Vishu V, HoD, Dept of EEE joined for PhD at Annamalai University. Research area is Antenna and Electromagnetics.



Prof. Manolekshmi.I

Prof. Manolekshmi, I, Asst Professor, Dept of CSE joined for PhD at Vel Tech University, Chennai. Research area is Speech Recognition System.

Prof. Kavitha.V.K

Prof. Kavitha.V.K, Asst Professor, Dept of CSE joined for PhD at Vel Tech University, Chennai. Research area is Recommendation System.



Prof. Harikrishnan.G

Prof.Harikrishnan.G, Dept of Civil Engineering joined for PhD at Noorul Islam Centre for Higher Education. Research Area is Concrete Technology.

Prof. Deepa Rajan

Prof. Deepa Rajan S, Asst Professor, Dept of CSE joined for PhD at Vel Tech University, Chennai. Research area is Cyber Security with Machine Learning



Prof. Sreekumar.R

Prof. Sreekumar.R, HOD, Dept. of Civil Engineering is persuing PhD in Kerala University. Research area is Green Supply Chain Management.

FACULTY ACHIEVEMENTS

PATENT

- Dr. L. Padma Suresh, "Optimize switching Angle Modulation Scheme for Asymmetrical cascaded H Bridge Multi Level Inverters", 202241018086A
- Dr. L. Padma Suresh, "Efficient Video Coding Using Multi Resolution Techniques, 202241031569
- Dr. Gouri M. S, Dr. L. Padma Suresh, "An innovative Deep Learning Approach to access Renal Cell Tumor using CT Approach", Application Number-202241052446
- Dr. Gouri M.S, "Electronic View Finder for Digital Cameras", Application Number-345383- 001
- Dr. Gouri M.S, Dr. Kim J Seelan, "Design an IOT-driven system using Deep Learning to detect damage to steel frames", Application Number-202241042635
- Dr. Gouri M.S, "Design System of waste segregation using IOT and Image recognition using Machine Learning", Application Number-202241068453

JOURNAL PUBLICATIONS

- Dr. L. Padma Suresh, "Extended Deep Joint Segmentation with networks of Glioma Tumor for multi-grade classification using MR images", Pattern analysis and Applications, Springer, 2022.
- Dr. L. Padma Suresh, "Hybrid Optimization Algorithm- Based Generative Adversarial Network for Change Detection Using Pre-operative and Post-operative MRI, International Journal of Pattern Recognition and Artificial Intelligence, 2022.
- Dennise Mathew, "A Systematic Review on Tanpin Kandri Based Crime Prediction", Remittance Review, Scopus Indexed, 2022.
- Dr. L. Padma Suresh, "Harmonics Control of Three Phase Voltage Source Inverter with Random Carriers and Modified Reference," The International Journal of Electrical Engineering & Education. April 2021.
- Dr. L. Padma Suresh, "Computer-Aided Detection of Human Lung Nodules on Computer Tomography Images via Novel Optimized Techniques", Current Medical Imaging 2021,
- Dr. L. Padma Suresh, S. H. Krishnaveni, "Developing novel video coding model using modified dual-tree wavelet-based multi-resolution technique", Multimedia Systems, 2021.
- Dr. L. Padma Suresh, "Hybrid Optimization Algorithm- Based Generative Adversarial Network for Change Detection Using Pre-operative and Post-operative MRI", International Journal of Pattern Recognition and Artificial Intelligence
- Dr. Nishi. S. Das "Affordable Finger Vein Lock System Based on Deep Learning", Journal of Oxidation Communication, 2021.
- Dr. Nishi S Das, "Automatic Segmentation of Colon Using Multilevel Morphology and Thresholding", IEEE Conference Proceedings, 2021.

CONFERENCE PUBLICATIONS

- Dr. L. Padma Suresh, "Image Feature Generation Using Binary Patterns—LBP, SLBP and GBP" Lecture Notes in Networks and Systems, 2022.
- Dr. L. Padma Suresh, "Medical MR Image Synthesis using DCGAN," 2022 First International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT), 2022.
- Dr. L. Padma Suresh, Krishna Veni, "Literature Survey on Application of Deep Learning in Face Recognition," 2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICICT), 2022.
- Dr. L. Padma Suresh, Karthika. M. S, "A Review on Optimal Energy Management Strategies for Electric Vehicles," 2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICICT), 2022.
- Dr. L. Padma Suresh, "Power Factor Correction Strategies for BLDC Drives – A Review," 2022 Third International Conference on Intelligent Computing Instrumentation and Control Technologies (ICICICT), 2022.
- Dr. Nishi S Das, "Texture Feature Extraction Intracoronary Oct Images and Atherosclerosis Detection Using Deep Neural Network, International Conference on Advance Computing and Innovative Technologies in Engineering, 2022.
- Jayakrishnan R, "IOT With Smart Systems a Comparative Study Of Gene Expression Data-Based Intelligent Methods For Cancer Subtype Detection, International Conference on ICT for Intelligent Systems, Springer, 2022.
- Deepa Rajan S, "ICT With Intelligent Applications A Survey of Computational Intelligence Techniques Used for Cyber-Attack Detection", International Conference on ICT for Intelligent Systems, 2022.
- Vishnu Vijayan, "Mechanical Properties of Recycled Aggregates Concrete with Sisal Fiber and Silica Fumes, Materials Today: Proceedings, 2022.
- Princy Sera Rajan, Darsana S Babu, Sameena M.H "Machine Learning for Business Analytics Real Time Data Analysis for Decision Making Chatbots: Their Uses And Impacts In The Hospitality Sector, 2022.

STUDENTS ACHIEVEMENTS

Proud Moments for our BMC. Google Developers Society DevFest2022 @CDAC Trivandrum, 10th Dec. Appreciation to Mr. Akhil Sam and Mr. Josel of S5 CSE.



Congratulations to Mr. Jilin Joy of S7 Mechanical Engineering Department being selected KTU Volleyball Men Team. He participated in the Southzone Inter University Volleyball Championship held at SRM University, Chennai.

BMCE Men Volleyball Team was crowned Second Runner-Up in APJAKTU B-Zone Volleyball Championship held at UKFCET, Paripally on 19th Dec 2022. Congratulations to the entire team and to the Coach Mr. Nabin. N. V



Mr. Albin Abraham of S7, Mechanical Engineering Department won Arm Wrestling Championship, Kollam District.

Congratulations to the BMC Basketball and Volleyball Women Team achieving First Runner-up trophy in APJAKTU B-Zone Basketball Championship, held at TKM College of Engineering, Kollam. Congratulations, Coach.



Kudos to the team SOL for winning the People's Choice award "NASA SPACE APPS CHALLENGE" held at Mar Athanasius College, Kothamangalam, Kerala.

IEDC & PLACEMENT TRAINING

IEDC has conducted a start-up Boot camp on 28th Oct 2022. The session was handled by Prof Sherin Sam Jose, GEO, Startup Valley, TBI and Prof Manoj, IEDC Nodal officer, BMCE.



The Training and Placement cell of the college provided with three days in house placement training session from 27th October to 29th October, 2022. The main objective behind this training program is to develop problem solving ability of students also to develop their logical thinking and communication skills. The cell aims at achieving a better number of placements than the previous year.

IEDC & PLACEMENT TRAINING

IEDC has conducted a start-up Boot camp on 28th Oct 2022. The session was handled by Prof Sherin Sam Jose, GEO, Startup Valley, TBI and Prof Manoj, IEDC Nodal officer, BMCE.



In association with Kerala start up mission induction programme for IEDC members were conducted on 2nd July 2022

NATIONAL SERVICE SCHEME (NSS)

In an effort to eradicate the use of drugs among the youths, NSS in association with Kerala Excise department conducted an Anti-drug Awareness Class and a bike rally was also conducted against the usage of drugs. Mr. Aswanth, Civil Excise Officer, Sasathamcotta inaugurated the campaign and flagged off the rally.



As part of community work, NSS volunteers of our college visited agathimandiram and spend time for entertaining them and distributed food packets collected from our institution at SS Samithi Abhayakendram, Mayyanad.



To generate cultural awareness among people from African countries and local residents, our NSS team has conducted a Music Event in World Music day on BMCE.

DEPARTMENT ACTIVITIES

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Inauguration of the Department Association (ASTRA)



Department has conducted a Five days workshop on Embedded IOT in association with BOTZ Embedded Solutions, Cochin.



Ms. Elsa Sharu Johnson,
Dept of Instrumentation And
Control Engineering, NIT,
Thiruchirapalli, Lead A
Virtual Workshop For
Undergraduate & Graduate
Students On Data Analytics
And Machine Learning With
Python.



DEPARTMENT ACTIVITIES

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



Workshop on Industry Revolution 4.0 by Accutro Technologies. It was a great session handled by Krishnanunni J S, Rajeevan A B and Ashish Augustin. The informative session was regarding latest industrial trends in IoT and robotics. The programme was coordinated by Dr. Nishi S Das, Associate Professor & Research Coordinator, EEE and Mrs. Sujatha Madhu, Asst Prof, EEE.

DEPARTMENT OF CIVIL ENGINEERING



Talk on "MEASURING THE EFFECTIVENESS OF PRICING STRATEGIES FOR PUBLIC TRANSPORTATION" by Vishnu Babyrajan, Research Associate in Data Collection, New Castle University, UK.

In collaboration with RENSFED, the Department hosted a Virtual Seminar on Intelligent Building Permit Management System.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



In collaboration with the IEEE Student Chapter, the department has organized a one-day seminar on Research Methodology and Publication Ethics. Dr. Pramod Mathew Jacob, Assistant Professor, Providence College of Engineering, provided a clear idea of what methods or processes the researcher will use in his or her research to achieve research objectives.

Mr. Rajesh P. S, Chief Operating Officer, Know-Up Knowledge Foundation, has inaugurated the Department Student Association Name and Logo Launch.

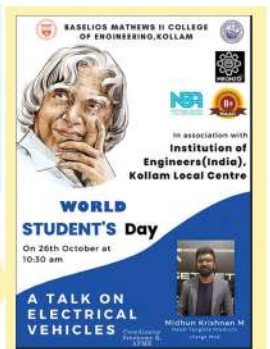


DEPARTMENT OF MECHANICAL ENGINEERING



The Department has observed Energy Conservation day and organized events on December 14, 2022. Students pledged to reduce energy consumption and save energy in this interactive session explained the ways and means of saving energy by giving real life examples.

On World Student's Day on 26th Oct, 2022, Department has conducted a talk on Electrical Vehicles by Mr. Midhun Krishnan M, Head-Tangible Products charge Mod.



On World Space Week Celebration on 7th Oct, 2022, Department has conducted a seminar on Fundamentals on Space Technology, in association with VSSC. Mr. Sreekumar. G, Asst. Professor coordinated the program



Department has celebrated a Royal Chapters Day on 13th Sept 2022 and a talk was delivered by Dr. Simon K John Wg Cdr (Retd) Emeritus Scientist Sc 'G' on "Industrial Engineering Concepts and Success in Career". The function was inaugurated by Er. Rajan K, FIE, Hon. Chairman, IEI, Kollam Local Chapter.

UPCOMING EVENTS

- ◆ IEEE "International Conference on Circuit Power and Computing Technology (ICCPCT 2023) on 10th and 11th August, 2023.
- ◆ Department Of Electrical & Electronics Engineering & Computer Science Engineering is organizing a talk on "Quantum Consciousness" by Mr. Krishnakumar (Senior Software Engineer & Independent Researcher In ADS/CFT) on 20th Jan 2023
- ◆ Faculty Development Programme on "Electrical System Design" by Department of Electrical and Electronics Engineering on January 30th and 31st 2023.
- ◆ IDEATHON-2023 Idea Pitching Competition, February 2023
- ◆ Campus Placement Drives during Feb 2023 1) Q-Spiders , Bangalore, 2) DCS Infoway, Kerala

BMCE PLACEMENTS

The Training and Placement cell of the college provided in house placement training session for the students. A total number of **82** students got placed in various leading companies in 2021-2022. This year cell already has initiated the drives and following students were placed. Placement cell aims at achieving a better number of placements this year.

PLACEMENTS 2021-22



ONGOING PLACEMENTS 2022-23



Programmes Offered

- B.Tech. in Civil Engineering
- B.Tech. in Computer Science and Engineering
- B.Tech. in Electrical and Electronics Engineering
- B.Tech. in Electronics and Communication Engineering
- B.Tech. in Mechanical Engineering
- M.Tech. in Computer Science and Engineering

INSTITUTION CODE

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