



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
— AUTONOMOUS —

20

YEARS OF MBCET

VIBES

the Vicennial
Magazine

2022-23







His Holiness

Pope Francis 



Motto

Due in Altum

(Leading to the heights of excellence)

College Anthem

Can't you hear the thunder of Bethany Hills,
Where the shadows flee in the shining light
With the sword of truth and the shield of faith,
We rise in knowledge, wisdom, and grace.
We will change the way we see the world,
Our Destiny is written by the author of Life and
Thank the lord of Heaven and earth,
Our strength, our hope our deliverer Baselios!
We are many, we are one heart Baselios!
We live in honor and passion,
Baselios! Baselios!



Servant of God

Archbishop Geevarghese Mar Ivanios





FOUNDER

His Beatitude Moran Mor Cyril Baselios Catholicos

(1933-2007)

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.



Our Patron & Manager

His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos
(Major Archbishop Catholicos of the Syro Malankara Catholic Church)

Message From The Bursar....

Rev. Fr. John Varghese Palanilkunnathil



It is with a sense of pride and confidence that I present the Vicennial Magazine of MBCET marking the two decades of its existence. It was the ardent desire of the late His Beatitude Moran Mor Cyril Baselios Catholicos, Major Archbishop of Trivandrum, to provide quality technical education based on human values which led to the establishment of this Institution. The farsighted vision of the Founder of the Mar Ivanios Vidyanagar has been implemented with a futuristic vision by the Founder of this Institution. It has been further developed to suit the needs of the times by our Patron, His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos, the Major Archbishop of Trivandrum, Manager and Chairman of the Governing Body of the College, as a blending of the philosophy of education and apostolate of Human Resource Development.

Started in 2002 with 240 students, our College has a strength of 2000 students. We have 7 B.Tech Programmes and 7 M.Tech Programmes. The College has been approved as a Research Centre by the Kerala Technological University. In its endeavor to ensure quality education, the College has received Institutional accreditation from NAAC with 'A' Grade and Programme accreditation from NBA since 2016. In 2000 the UGC conferred Autonomous Status upon the College.

It is the relentless pursuit of quality without compromising discipline and values which makes MBCET unique and pushes it forward. In this forward journey, we focus on research development and employability.

As the Bursar of this Professional Education Institution, the sense of family feeling I experience here is not to be found in too many Institutions and it is really a matter of pride. The College through its Alumni is spreading its roots across the world. And this evidently entrusts with us the greater responsibility of leading the Institution to "greater heights of excellence" as the motto makes it clear.

I am confident that all members of the MBCET family would continue to persevere in the efforts to attain 'Excellence', remembering the lines of the famous American Poet Robert Frost, which Nehru had kept in his room:

"And miles to go before I sleep
And miles to go before I sleep".

My congratulations to the Vicennial Magazine Team!

From the Editor's Desk



Jason E

Magazine Editor

The vibes we experience in college are as diverse as the individuals who make up college life. In popular usage, vibes refers to the overall energy, atmosphere, or emotion surrounding a person, place, or situation. The term has gained momentum in recent years, especially in youth culture and social media. Each person's journey through college is unique, but collectively, these vibes contribute to a vibrant, dynamic, and transformative college experience.

Celebrating two decades of excellence, we proudly present "VIBES" - our annual College Magazine that chronicles our institution's remarkable journey over the past 20 years. As we look back on the milestones we have accomplished and the countless lives we have touched, Vibes serves as a testament to the transformative power of the education, camaraderie, and unwavering spirit of MBCETians.

VIBES is also a window into the collective experiences, accomplishments, and aspirations of our students, faculty, and staff. It is a platform for expression, where voices find resonance and ideas fly. Through thought-provoking stories, essays, insightful interviews, and fascinating images, Vibes amplifies the strength and unity of Our College.

"To build may have to be the slow and laborious task of years. To destroy can be the thoughtless act of a single day."

- Winston Churchill

As we celebrate the 20th Year of MBCET, may its pages inspire passion, pride and gratitude for the remarkable individuals who have worked day and night in contributing to the success and legacy of our college. We invite you to join us on this commemorative journey towards heights of excellence through Vibes. Let us celebrate together the accomplishments, memories and unwavering spirit that have made our college a beloved home for countless minds and hearts.

Before flipping through the pages, I would like to thank Dr. George Zachariah Dean (Students Affairs) for his valuable guidance and inspiration for this Magazine. I also like to thank Design and Editorial Team for their valiant effort and hard work in bringing out "VIBES".

I welcome you all to "VIBES" - a tribute to the past, a celebration of the present, and a catalyst for the future.



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Palanilkunnathil**
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Principal



**Rev. Fr. Thomas
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PE

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Dr. Abraham T Mathew
Principal

Introduction

Mar Baselios College of Engineering and Technology is just entering into the third decade of its mission of “empowerment through education”. The College was in the forefront since its beginning in imparting quality education in engineering and technology. The “autonomous status” conferred in 2020 added an impetus to its further growth. The accreditation by NAAC with A Grade, obtained in 2016, is valid till 31 December 2025. College has secured the accreditation by the National Board of Accreditation for five B.Tech Programmes in 2016, 2019 and also in 2022 and this is valid till 30 June 2025. The newly introduced courses and degree programmes in the emerging areas exemplify the commitment from the side of the faculty to advance the academic processes and the content to make the students globally competent.

The year under report, viz. 2022-2023, witnessed vibrant activities across all the domains covering academic, co academic and the extra-curricular activities as well. The All Kerala ranking based on the results of the 2022 was shown as 12 in the University list. The period from March 2020 to September 2022 was very challenging because of the SARS Covid 19 pandemic. During 2022-2023, there were signs of recovery in all walks of life. Activities on the campus have become normal and new avenues for growth and expansion are being explored. The College has entered new collaborations with institutions within and outside the country to catalytically promote the R&D, student mobility, students’ training/ internships and so on. Some of the new initiatives include the research in 6G communications jointly with University of Technology, Malaysia, industry driven Artificial Intelligence lab, Intel® Unnati AI/IoT Data Centric Lab, Industry supported Electric Vehicle Lab, Development Advanced Manufacturing Technology Lab to teach new manufacturing tools and techniques, On-campus EV Charging Stations, on campus AgroTech based farming initiatives, etc. are some of the important highlights. A quick glimpse of the developments and activities during 2022-2023 is given below.

Admission 2022

The admissions to the 21st batch of the College, the third batch under autonomy, was delayed due to the Covid 19 pandemic. The College could attract good enrollment during 2022-2023 also. 507 students joined the College in the various B.Tech programmes during the admission in 2022 against the sanctioned intake of 600. 18 students joined the M.Tech programmes and two scholars have joined for the Ph.D.

Student Induction Programme for UG

The AICTE mandated Student Induction programme (SIP) was conducted from 20th October to 11 November 2022. The SIP was started ceremoniously with the Welcome Ceremony for freshers, namely PARODOS 2022 on 20 October 2022. His Excellency Most Rev. Dr. Mathews Mar Polycarpus the Auxiliary Bishop of the Major Archdiocese of Trivandrum and Member, MBCET Governing Body was the Chief Guest. First week of SIP was earmarked for the professional training and was supported by M/s Career Launcher India Pvt Ltd, through franchisee run by an Alumni Startup Company in Trivandrum. The professional training was followed by the bridge courses on the fundamental topics, lessons on Universal Human Values, department level orientation, introduction to professional bodies, physical training, yoga, etc. The programme was concluded on Friday, 11 November 2022, with a valedictory function and the presentation of the variety entertainment programmes by the First-Year students.



Academics

The academic year 2022-2023 began in July 2022. The impact of the pandemic caused the staggering of the semesters in the year 2022-2023 as in the previous year and the proper design of the ideal Academic Calendar continues to be elusive this year also. We were very successful in completing the instructional days for each batch by scrupulously following the academic plans all along which ensured the graduation of the batch on time.

470 Students belonging to the 2018-2022 batch of the B.Tech completed the contact requirements in June 2022. The ceremonial Course Completion ceremony Exodos was conducted on 03 June 2022. Dr V.P. Joy IAS, Chief Secretary of Kerala addressed the students in the gracious presence of His Grace Joshua Mar Ignathios, Bishop, Diocese of Mavelikara.

The first batch of 29 PG students under the autonomy scheme completed the M.Tech Degree Programme in 2022-2023. Degree certificates were issued by the APJ Abdul Kalam Technological University. The Convocation was conducted on 15 December 2022 for this batch. Former Chief Secretary of Kerala and the renowned writer Shri K Jayakumar IAS(Retd) addressed the graduands in the gracious presence of His Excellency Most Rev. Dr. Mathews Mar Polycarpus, Auxiliary Bishop of the Major Archdiocese of Trivandrum and Member MBCET Governing Body.

There are around 1970 students currently enrolled in the

various Programmes in the academic year 2022-2023.

New Degree Programmes

The College started two new B.Tech Programmes in the current academic year. These are B.Tech in Computer Science and Engineering (Artificial Intelligence) and B.Tech in Electrical and Computer Engineering. The new PG Programmes are M.Tech in IoT and Sensor Systems and M.Tech in Transportation Engineering.

Campus Placement

The 2023 graduating batch secured over 262 offers through both online, on-campus, and off-campus placements, covering both UG and PG. Several students have received multiple offers. Additionally, some students from the non-circuit branches have also received multiple offers with higher pay. The current list of recruiters includes prominent MNCs such as IBM, TCS, EY, IBS, Quest Global, Tata Elxsi, Envestnet, Cognizant, Experion Technologies, H&R Block, Speridian, QBurnst, Vinvish, Carestack, Federal Bank, Acsia Technologies, Terrific Minds, HCL, and many more. The concerted efforts taken by the Placement Cell also deserves compliments.

Crossroads 2023

Crossroads the major brand of the College for years, was hosted on the campus as well as the open-air stadium outside the campus in three days to ensure the grand participation of the bigger cross section of our stakeholders.

Academic Departments

The academic departments have been very systematic in the academics including the assessments and evaluations. The College is uniformly following the outcome based education for all the programmes. The resurgence of the pandemic conditions during the year 2021 has created challenges for the faculty and efforts were made to use online mode or a hybrid mode for the instructional delivery.

Department of Civil Engineering

The Department of Civil Engineering was established in 2005 and it currently offers one, B. Tech Programme in Civil Engineering (2005) (120 seats) and two M.Tech Programmes with specialization in Structural Engineering (2012) (18 seats) and Transportation Engineering (2022) (18 seats). The B.Tech Civil Engineering Programme was first accredited by NBA in 2016 and got re-accredited in 2019 and thereafter in 2022. The Department has several ongoing research projects sponsored by DST SERB, KSCSTE, CERD APJAKTU and the in-house projects. KSCSTE- National Transportation Planning and Research Centre (NATPAC), Thiruvananthapuram has given consent to use the facilities of their laboratories for the students and faculty members of MBCET for project and research. Since the College was included in the panel of Engineering Colleges of the State for conducting consultancy works for the PWD, The Department could secure several consultancies works from the Government Departments. This includes the soil investigation, structural design, surveying, transportation related survey, etc. primarily for the projects in the Thiruvananthapuram and adjacent districts. The Department has signed MoU with the Builders Association of India, Indian Plumbing Association

and L&T EduTech for facilitating industry interaction. There were eight technical talks and two workshops conducted by Civil Engineering Students Association (CESA). The Faculty, Staff and Students of the Department are regularly involved in social service activities under the forum called THANAL, which is the outreach wing of CESA. The Department also has got a very active and dynamic Student Chapter of American Society of Civil Engineers (ASCE) and Indian Plumbing Association (IPA). The Student Chapter of ASCE organised more than 15 various programmes such as invited talks, workshops, site visits and social service activities. The ASCE Student Chapter received the Certificate of Commendation - 2023, for being in the top 5% of all Student Chapters globally under ASCE for its outstanding activities during the year 2022. There were many expert talks conducted on various topics on social skills and interpersonal skills, in addition to the technical lectures. More than 25 members of the faculty attended the faculty development programmes and training programmes, conducted internally as well as by other agencies. There were seven paper publications from the department. The Department has conducted one skill development program for technical staff also. Students are provided with the opportunities to acquire valuable experience through internships, survey camps, field works, innovative projects, consultancy works, site visits, etc.

Department of Computer Science and Engineering

The Department of Computer Science and Engineering established in 2002 is currently offering two B.Tech programmes: Computer Science and Engineering (120 seats) and Computer Science and Engineering (Artificial Intelligence) (60 seats) and one M.Tech programme with specialization in Computer Science and Engineering (18 seats). The enrollment in 2022-2023 in the first year was 100%. The B.Tech Programme in Computer Science and Engineering was first accredited in 2016 and again got re-accredited in 2019 and in 2022. Many of the graduates are holding important positions in the Information Technology and other Industries within India and abroad. For the year under report, Faculty and Students have been very active in conducting webinars, innovation related events, workshops, expert lectures, and so on. The Department has endeavoured to preparing the students get adapted to the emerging developments in the fast-changing field of computing and informatics, by organizing training sessions with resource persons from leading industries like UST, IBS and so on and by conducting the instructions in an innovative manner.

One among the outgoing students co-founded a startup company, Tatos Technologies Private Ltd., keeping up the legacy of the College. This startup is involved in software publishing, consultancy and supply based on latest technologies, with a vision to help existing business and other startups. Another student from the same batch, Mr. Salman Fariz won the "Top Contributor Award" for his invaluable contributions towards GTECH μ Learn. A team of eight students from the outgoing batch developed a Mobile app named 'Attendo', that can help in recording and monitoring the Student Attendance. There are several publications in the conferences and journals by the Faculty and Students. A team of four students from Third Year have received a project funding for their project entitled "Parkinson's hand stabilization device" from the Center of Excellence for Disability Studies. 70 students out of 126 students of the outgoing batch got placements and there were 110 offers for the batch.

One MoU has been signed with Ajman University, UAE afresh to developed academic and educational cooperation in the areas like Artificial Intelligence, Data Science, Cyber Security, Cyber Forensics, Cloud Computing, etc. The MOU with ICT Academy of Kerala, under the premium membership category, was renewed. The Department has initiated a collaborative research work with the Institute for Communicative and Cognitive Neurosciences (ICCONS) for developing an Assistive Aid for children with Autism by employing AI/ML technologies. Yet another MoU was signed with the Strategic Electronics group of CDAC-Thiruvananthapuram for pursuits in Cyber Security and allied areas.

The Department has conducted a KTU sponsored Five-day Faculty Development Programme on “Security in Computing” and also organized a technical fest “HASH 2022” which comprised of a 24-hour (Day & Night) free offline hackathon ‘DEFINE 2022’, aimed to build solutions for the real-world problems. There were 111 participants in 26 teams from various institutions, within and outside Kerala, for this event. There were also several activities conducted jointly with the professional organizations like Computer Society of India, ISTE, IEEE Computer Society and so on. Dr Shini Renjith, Asst. Professor has been invited for a formal International Research Collaboration with the Information Processing Group (IPG) at the Oregon State University (OSU), Oregon, USA. The post-doctoral research work will be carried out in the IPG’s research interests in neural engineering along with the allied fields of Data Analytics, Information Retrieval, ML, DL etc. The outreach and community services were conducted through ACE, the professional student association of the Department.

Department of Electrical and Electronics Engineering

The Department of Electrical and Electronics Engineering was established in 2002. During 2022-2023 Department offered two B.Tech programmes and one M.Tech Programme, namely, (1) B.Tech Electrical and Electronics Engineering (60 seats) started in 2002 and (2) B.Tech Electrical and Computer Engineering (60 seats) started in 2022 and the M.Tech Programme is in Power Control and Drives (18 seats). The B.Tech Programme in Electrical and Electronics Engineering was first accredited by NBA in 2016 and was re-accredited in 2019 and in 2022.

During the year under report, the Department carried out several academic and co-academic activities for the benefit of the Faculty and Students. As a result of their involvement in various competitions and activities, they have received several accolades and recognitions. Several research articles have been published based on the research work conducted by the Faculty and the Students. One member of the faculty published two books and secured one Design patent also. Filing process of another Patent application with number 202241016658 was completed.

The Department has received a grant in aid from the Energy Management Centre Kerala for developmental work in the domain of electric vehicles. The Project team completed the first phase of this project of retrofitting the conventional three-wheeler with electrical drives and battery to convert it into e-auto. The work was successful. The consultancy work from the startup company THESPACELAB, Trivandrum for developing software for studying the Orbital Debris Propagation and Proximity Awareness was completed. The work included the

preparation of software programmes for simulating orbital movement of debris in the space. Other Department level programmes include:

- National Seminar on Electric Vehicles,
- Short Term Training on Smart Grid Technologies,
- Summer camps for school students and
- a variety of technical talks by the external specialists.

Professional organizations were also quite active. The IEEE PES organized 18 activities, whereas IET MBCET On campus conducted 17 events. Students have got numerous opportunities to hone their skills and communication abilities thanks to the IEEE SB and ISTE Chapter. With the assistance of Alumni Startup, the Department set up the Electric Vehicle Skill Lab and installed two EV charging stations in the College campus. Several students from the department have also gone on internships in organizations like KSEB, KELTRON, TELK, the Airport Authority of India, Indian Railways, TATA Elxsi, NISH, etc. In the NABIOCON 23* (National Conference on Biomedical Instrumentation and Signal Processing, 2023) held at TKMIT in June 2023, the final-year student project team won the First Prize for their presentation. There were reasonably good placements for the EEE students.

ILLUMINA, the Department Professional Association conducted Tech Fest Trydan 2022 on 17 December 2022. The EV Expo, training on modern software tools like VFX were conducted. Competitions on Electric Machinery and Robotics, VEGATECH a hands-on Session by CDAC, etc. were the highlights. Additionally, the ILLUMINA carried out several social service projects with the assistance of the Technical Staff, including electrical wiring for homes and three charity works that entail aiding the less fortunate. The Department has been actively engaged in several projects to construct high-quality facilities for electrical engineering research and instruction in the College.

Department of Electronics and Communication Engineering

The Department of Electronics and Communication Engineering was established in 2002 and it currently offers one B.Tech programme in Electronics and Communication Engineering (120 seats) and two M.Tech programme with specialization in Telecommunication Engineering (18 seats) and IoT and Sensor Systems (18 seats). The B.Tech Programme was accredited in 2016 and 2019. The B.Tech Programme again got re-accredited in 2022 with a higher score of 682. Seven Ph.D scholars are working in the Department apart from the ongoing part-time Ph.D research of the Faculty. Three members of the faculty secured the Ph.D Degree during this year. One member of the faculty secured admission for the Ph.D programme in the Digital University, Kerala. The outgoing batch of 111 students secured 127 offers and 22 students got paid internship at TATA ELXSI. 70 students have been placed. The College has signed one MoU with Intel and AUK Computing to set up the Intel® Unnati Data-Centric Labs in AI/IoT in our campus. This Lab will have hardware and software stack as per the of experts from Intel®, sample course content including hands on exercises and co-branded course completion certificates for students and so on. The College has also signed an MoU with TIMed of the Sree Chithra Institute of Medical Science and Technology to pave the way for students who are interested in biomedical-based engineering startups and medical device development.

eNiX – Department Association conducted the Adharva '23, the annual technical fest of the Electronics and Communication Engineering (ECE) department, on February 10, 2023. The Department also hosted several webinars, workshops, and training programmes for both the students and faculty. In association with Assistive Technology group at MBCET, the Biomedical Research Group (ECED) and IEEE EMBS SBC, the Department hosted the Assistive Technology (AT) internship from 17th to 28th April 2023. All participants participated in training programmes, workshops, and online courses to update their technical skills. There were several research publications from the Department during the academic year.

The members of the faculty and the students have won several accolades in recognition of their achievements. Dr Jayakumari J, HOD, received the Outstanding Women Researcher in Wireless Communication Award from Venus International foundation. Dr. M. J. Jayashree, Professor ECE and IQAC Coordinator was selected as the Chair of Women in Biomedical Engineering (WIBE), a newly formed sub-organizational unit of IEEE EMBS Kerala. Mr. Arun J. S, Nodal officer of IEDC CATALYST got nominated into the State level IEDC Advisory Committee by Kerala Startup Mission.

Department of Mechanical Engineering

The Department of Mechanical Engineering was established in 2005 and it offers one B.Tech Programme in Mechanical Engineering (60 seats) and one M.Tech Programme with specialization in Machine Design (18 seats). The B.Tech Programme was first accredited in 2016 and again got re-accredited in 2019 and in 2022. The Department has highly qualified and competent faculty with Doctoral and Postgraduate degrees in the areas of Automation, Manufacturing, and Design with expertise in core areas of Mechanical Engineering such as, Fluid Mechanics, Thermodynamics, Machine Design, and Industrial Engineering. The teaching is supported by well-equipped multidisciplinary laboratories and well qualified Staff. Along with the academics, the members of the faculty are involved in research activities in collaboration with the industry and R&D organizations. At present there are 28 members in the faculty. Nine members hold Doctoral degree and 11 are pursuing PhD. Six members are approved as Research guides by the affiliating University (KTU). One Faculty is a member of the Board of Studies of Mechanical Engineering - UG Programme of the affiliating University.

Several activities were conducted by the professional association of MED, Automata on its own and jointly with the local chapters of the professional organizations like ISHRAE, ASME and SAE. A list is given below:

- ENERCON SERIES, a one-week workshop on "Application of Computational Fluid Dynamics in fluid Flow Analysis" was conducted by ASME MBCET STUDENT SECTION.
- Automata conducted a FDP ON GENERATIVE DESIGN WITH FUSION 360, VORTECHX '22- technical Fest of MED, Workshop on Robotics for Students, Workshop on CFD for Students, Industry expert talks and session on career opportunities.
- The SAE MBCET Chapter has initiated the building of a campus utility vehicle. A team of 25 members is involved in the Design and Manufacturing of the Campus utility vehicle.
- ISHRAE conducted an Industrial visit to Trivandrum

International Airport.

- Department faculty has been actively involved in the research and consultancy works. They have authored 8 Journals, 9 Conference papers, 2 books and 3 book chapters in 2022-2023. Four ongoing funded projects are being carried out by MED faculties. The faculty also attended a total of 12 FDPs/STIPs last year.
- Dr. Nidhi M.B. Associate Professor delivered four invited talks in other institutes in different areas including an invited session on social innovation at Curtin University, Dubai Campus.

Department of Science and Humanities

The Department of Science and Humanities was established in 2002 at the beginning of the College itself as a multi-faculty Department. The Department offers courses in Engineering Mathematics, Engineering Physics, Engineering Chemistry, Communicative English, Professional Communication, Business Economics and Principles of Management according to the B.Tech Engineering curricula. It also offers Master's level courses for the M.Tech programmes. In addition to these formal academic works, additional special sessions on soft skills development and language proficiency are also conducted for the benefit of the students. The Faculty Members are available to the students even out of class hours for consultation and remedial teaching. The Department caters to the overall personality development of the students through the counseling sessions, seminars, invited talks, socially relevant projects, and personality development programmes.

The Department has 21 members of Faculty, and they are supported by the Staff. There are well equipped laboratories for Physics and Chemistry. There is also a Language Laboratory, with 31 systems installed with the latest ETNL® software. The Language Laboratory provides avenues for the students to tone up their language skills. The faculty also have published several research publications in reputed journals to their credit during the year under report also and some are pursuing their Ph.D.

Examination Wing and the Controller of Examinations 2022-2023

The Examination Wing under the new autonomous system started functioning in full swing in the year 2020, pursuant to the conferment of the autonomous status. The Controller of Examinations is heading the Examination Wing. Examinations of all the courses under autonomous system are conducted systematically by the Examination wing, as per the academic calendar of the College. Efforts are always made to adhere to the timing so that students will be benefitted from timely completion of the programmes within the stipulated duration itself. Sufficient number of supplementary chances are given to the slow learners and failed students so as to handhold them to the maximum extent. Semester results are usually published within a short time of roughly ten working days and the students are given chances for scrutiny, re-evaluation, and answer script review so that the process remain transparent to the stakeholders. The workflow in the Examination wing has been clearly defined and sufficient manpower is made available depending on the workload.

During 2022-2023, the Examination wing conducted all the scheduled examinations in time. The highlight of the system

is the immediate supplementary examination for both odd and even semesters. Apart from this a special additional supplementary chance was given 2022-2023 exclusively for the students of the 2020 admission, to enable them to clear their backlogs of the first and second semesters. Situations became complex after the lockdown and the Covid 19 pandemic because of the delay in the admission process continuously for the third year since 2020-2021 and the staggering of the odd and even semesters. Faculty and Staff were extremely supportive in addressing the issues arising out of this staggering. This resulted in the smooth conduct of all the examinations in time. Similar arrangements were also made for the semester examinations of the M.Tech programmes as well. The regular examinations for the even semester were conducted (II and IV) during July / August 2022 followed by the immediate supplementary chance for the Semester II during November 2022. Similarly, for the odd semester (I and III) regular examination was held during January/March 2023 followed by an immediate supplementary chance during March/May 2023. A special supplementary examination for the courses was conducted during August 2022, exclusively for the students of 2020 admission who were having backlog considering the impact of the pandemic on their academic progress. Because of these extra efforts the students could get enough chances to earn a pass grade within their stipulated period of two years of study in the campus and they could fulfil the requirements for securing the Degree from the University. All the 29 students of the 2020 PG admission under autonomy duly received their M.Tech Degree Certificate from the APJ Abdul Kalam Technological University in the year 2022-2023. Their Convocation was held in a ceremonious manner in December 2022.

Accomplishments in the Extracurricular Arena

The College has a rich tradition of promoting the extracurricular activities by facilitating the sports and games for the students. The year 2022-23 was quite vibrant in terms of the sports and games. This year 11 students participated in the South Zone Inter-University and 5 students participated in the All-India Inter-University Competition in different games. Bhavya Suseelan, S8 CS 1 was the Individual champion in the University Chess competition and was the captain of the University Chess team. In the Annual University Athletics meet, College came to the 4th position in the Men section, 5th in the Women's section, and 5th in the Overall position among the 76 Engineering Colleges participated. The event was held at Thiruvananthapuram from 27 to 29 April 2023. 20 students went as volunteers for conducting the University Athletics Meet and their services were highly appreciated by the University authorities.

All Kerala Baselian Volley Cup, the annual inter collegiate volleyball tournament was conducted on 16 and 17 June 2023 in College Volleyball court. Ten teams participated in the tournament from different districts. College team lifted the trophy. Team from Lourdes Matha Engineering College was the runner up. Team of College of Engineering, Trivandrum was the second runner up. The College Volleyball team lifted a good number of Inter-Collegiate Volleyball Championship trophies this year conducted by different Colleges.

Ravikiran Nair, S2 CSE(AI), represented INDIA for the 1st Asian Chessboxing Championship and also participated in the 2nd WBCO Indian Open Chessboxing World Cup 2023 held at

Kolkata from 4 to 7 June 2023. He secured Gold and Bronze Medals respectively in the events.

Sona S of S3 EC1 got selected in the University Lawn Tennis Women's team and Sruthy P J of S3 EC2 got selected in the APJ AKTU University team to participate in the South Zone Inter-University Shuttle Badminton Tournament. Siddhi Sekar, of S5 EC2 and Diya Vijayan, S1 EC2 got selected to the University Women Netball team. Pranav P Nair of S3 EC1 became the Individual Champion in the University Inter Zone Table Tennis Championship held at FISAT, Angamali. He also got selected for the University team. Shone C Achankunj of S2EC2 won the silver medal in the 100 metres race and Anamikaa S Nair of S8 EC2 won Gold Medal in Discus Throw in the 5th APJ AKTU Inter- Collegiate Athletic Meet held on 29th April 2023 at Thiruvananthapuram.

Austin Easso Prasad, S8 ME-2 received a certificate of recognition from the HARVARD WORLD RECORDS for presenting EXCEPTIONAL IDEA OF TRANSFORMING INDIA'S FUTURE THROUGH FINANCIAL LITERACY (ONE RUPEE REVOLUTION).

Vignesh Kailas, S6 ME-1 along with the team members got shortlisted to represent Kerala at the National Level Rajasthan IT Day Hackathon conducted by the Rajasthan Govt. They successfully competed against 4000+ participants and got selected among the final 10 teams to pitch their idea in front of Shri. Ashok Gehlot, Hon'ble Chief Minister of Rajasthan.

Bhadra S S, S4 ME secured 8th position in Triathlon National Championship held at Karnataka in April 2023.

Umesh M Chandran, S6 ME-1 Secured Bronze Medal in 400 Mts. Race in the APJ AKTU Athletic Meet.

The Physical Education Department conducted also the various intramural competitions like Football, Cricket, Volleyball, Chess, Caroms, Shuttle Badminton, etc. As part of the development of infrastructure for sports in college, two 'A' class Volleyball court were constructed. These courts were inaugurated by keeping the competitions under A- Zone University Volleyball tournaments in mind. Apart from the participation, the College has also hosted inter-University competitions for Chess, Volleyball, and Netball on the campus.

Senate Election

The Senate, being the elected Student body, its constitution was preceded by the democratic election process, broadly following the University guidelines. The Senate was constituted in December 2022 and the participation of UG and PG students in the Senate was ensured through the elected representatives. The Office bearers assumed their office duly on completion of the election process and oath-taking.

Chapters of the Professional Bodies

The local Chapters/Branches of the professional bodies like Indian Society for Technical Education, IEEE Student Branch, IEEE Robotics and Automation Society, IEEE Power Electronics Society, IET On campus, American Society for Civil Engineers, American Society for Mechanical Engineers, ISHRAE, Computer Society of India, Indian Plumbing Association, Society for Automotive Engineers (SAE) etc. have

been very active. The members have brought many laurels to the College through their accomplishments and awards.

National Service Scheme

The National Service Scheme Unit 230 of the College is attached to the NSS Cell of the APJ Abdul Kalam Technological University. The Unit organized several social service activities including blood donation, services to community and so on. They also hosted several State level events on campus. We are thankful to Dr. Sreedhar G, NSS Regional Director and Dr Joy Varghese P.M., NSS Cell Coordinator of KTU for their excellent support.

Value Education

The College is very prompt in making its contributions for instilling proper values and morals in the students. The Cell for Universal Human Values, Cell for Unnat Bharat Abhiyan, ISTE SHE, Women's Studies Unit, Department levels Associations, the Clubs for the Cocurricular activities and so on are actively involved in these matters.

Curriculum Revision for M.Tech

The entire structure of the M.Tech programmes was revised in 2022-2023. This has been implemented in the academic year of 2022-2023. According to the new scheme, which is also in line with that of the KTU, one full year will be available for the major project/dissertation work similar to the practices existing in IITs, NITs and other leading institutions.

Industry Institute Interaction through MoU

The College has renewed the MoUs with several Organizations like Infosys, HLL Lifecare Ltd, BSNL Regional Telecom Training Centre and others. International collaboration was enabled by signing the fresh MoU with the University of Technology Mara Malaysia and Ajman University. The research under MoU with University of Technology Malaysia is progressing.

Collaborations for Research & Development

The College has renewed the MoUs with CDAC Trivandrum and National Institute of Speech and Hearing for facilitating academic and research collaborations. R&D using the India's own VEGA processor has been initiated with support from CDAC.

Innovation and Entrepreneurship Development Centre (IEDC)

IEDC is doing commendable services in kindling student innovations and continues to receive support from Kerala Startup Mission. Several students are working in the IEDC to develop their project ideas. IEDC has been recognized as TBI by the Kerala Startup Mission.

Library and Information Services

The Central Library supports the teaching, learning and research on the campus through its rich collections, facilities, and value-added services. In 2022-2023, there was comparatively higher utilization of the remote access facilities, by the user community through Knimbus Remote Access. The Central

Library offers its services simultaneously to more than 2,500 users comprising the undergraduates, postgraduates, research scholars, Faculty and Staff from various Departments of the College. The library uses KOHA ILMs for the daily operations. The circulation transactions, no-dues reports, etc. are done with the help of this software. Barcode based circulation system is used. It offers Web OPAC services through internet through the site <http://library.mbcet.ac.in>. The library is functioning in two shifts. The book collection is classified according to the DDC (Dewey Decimal classification) and each textbook is covered with plastic coating to make it durable. The Whole library is kept under CCTV Surveillance and the Wi-Fi facility is also provided. The Central Library is supporting the maintenance of the blog for "Aksharakoottam"-the Creative Writing club of the students.

During 2022-2023, MBCET Library implemented IRINS in association with INFLIBNET Center, Ahmedabad – Research Information Management System. (Academic Identity). All faculty profiles with their publication integrated in this portal. Take a look at this <https://mbcet.irins.org/>. The Digital Library section includes computers with Internet facility and the reprographic facilities. There is the service namely DSpace Database for collecting the projects / these reports of MBCET students. An ETD server (electronic theses and dissertations) maintained using Dspace (an open-source institutional repository package) has been initiated. In the case of NPTEL, a local copy of all NPTEL course materials (provided by IIT Madras, already available in public domain) which could be accessed from within the Digital Library. There is the collection of KTU and KU (previous years question papers) question bank in the public domain and it attracts many viewers from across the State. Users of the Library can access Science Direct E-Journals through Knimbus platform, a facilitation provided by the APJ Abdul Kalam Technological University through the Digital Library Consortium. Large number of E-Journals have been activated as of now and can be accessed through the Knimbus platform. Back File Access shall be from 2005 onwards – Link is <https://mbcet.knimbus.com/>. There is a Mobile app also for this purpose. The library has conducted Seminar "Know Your Library – Effective Utilization of the Library and E-Resources". Central Library is a member of the National Digital Library. The library has also linkages with (a) E-Shodhsindhu: Consortium for Higher Education Electronic Resources, provides access to e-resources to Universities, Colleges and Centrally Funded Technical Institutions in INDIA. (b) IEI – MBCET have institutional Membership with IEI (India) hence the MBCET Library can access the E-Journals of IEI (c) Indian Plumbing Association – Library can access Journal of Indian Plumbing Today due to Institutional membership (c) InfStats - Member of Usage Statistics Portal is developed by INFLIBNET Centre – (Beta Version) <https://infstat.inflibnet.ac.in/> The Library Advisory Committee (LAC) monitors and plans the activities and development of the Library. It has its members drawn from various Departments. The Librarian has attended several programmes as part of the Faculty Development and Refresher Programmes.

Alumni Affairs

The College is maintaining good relations with its alumni through the Alumni Association namely MBCETAA. The Alumni Association has got registered as a charitable Society under the Travancore Cochin Literary, Scientific and Charitable

Societies Registration Act 1955 (Kerala Act 12, 1955). The Alumni Association has sponsored the Best Project awards and the various Student activities.

Meetings of the Statutory Bodies and Committees

The Governing Body, Academic Council and the Boards of Studies of the College have been meeting on a regular basis. The College Council meets more frequently to address the day-to-day matters. The various committees and the advisory boards of the Departments meet regularly to address various matters related to curriculum, examinations, research, networking and so on. The work on the revision of the B.Tech curriculum has been initiated.

Conclusion

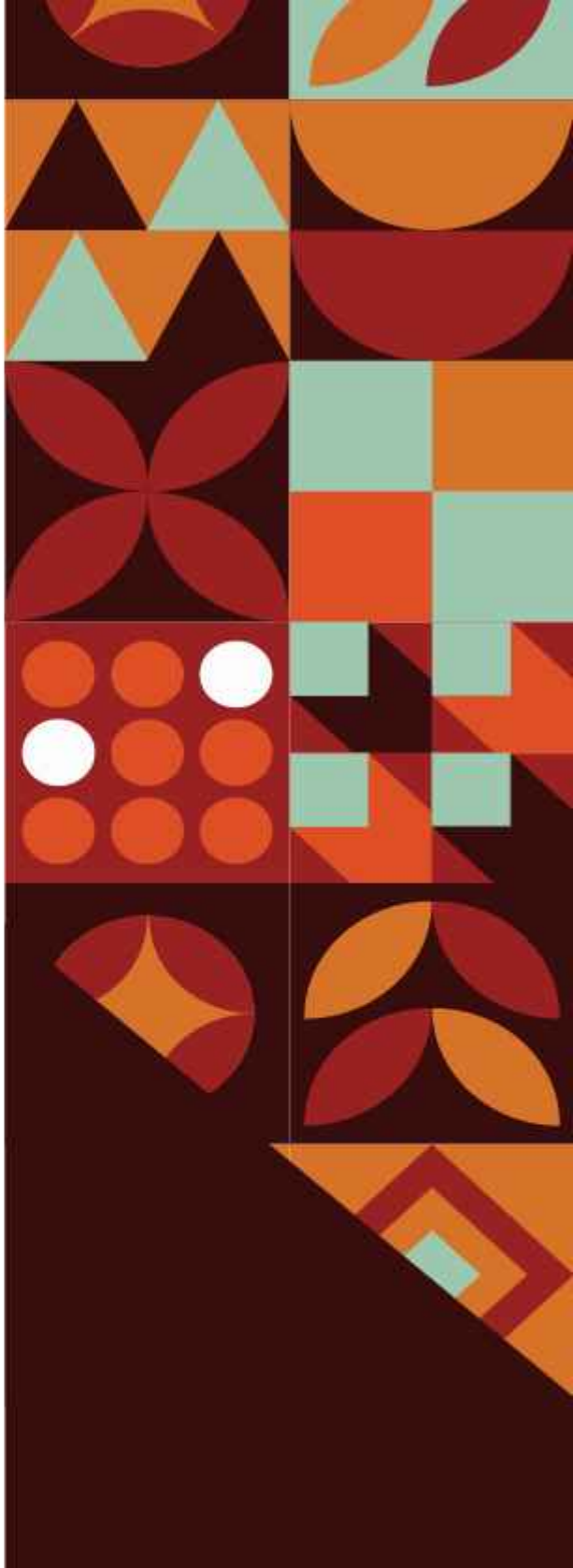
We pay our tributes to the venerable Founder Late His Beatitude Moran Mor Cyril Baselios Catholicos and the members of the founding team. The efficient leadership given by our former Bursars Fr. Wilson Thattaruthundil, Fr John Thundiyyath, Fr John Vilayil and the former Principals Dr V K Sebastian, Prof K M Raju and Dr T.M. George were stupendous, and we are deeply indebted to them. The intrinsic motivation and the dedication of the team of Faculty and Staff is visible in every aspect of the day-to-day activities of the College and the steady progress in the academics. Our students and alumni keep the flag of MBCET flying high not only in academics but also in sports, games, and co-curricular activities as well.

I conclude this Report by placing on record our sincere gratitude to our Patron His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos whose visionary thinking and guidance provides us the motivation, strength, and enthusiasm to go forward. We are also deeply indebted to His Excellency Most Rev. Dr. Mathews Mar Polycarpus, Auxiliary Bishop of Major Archdiocese of Trivandrum for the timely guidance and the excellent support. We acknowledge the guidance and support from our Bursar Fr John Varghese, Assistant Bursar Fr Thomas Mukalumpurath, Members of the Governing Body, Academic Council, Boards of Studies, Department Advisory Boards, PTA Executive, and the various Committees. We would also like to place on record our love and appreciation for the support and guidance received from our sister Institutions in the Mar Ivanios Vidyanagar campus in various ways.

On behalf of the College, I express the gratitude to our Vice Principal, Deans, HoDs, Faculty, Staff, Students, Parents and all our stakeholders, who have extended support and guidance in various ways, during the year under report. Special words of compliments are due to our Faculty, Staff and Students for their deeper involvement and impeccable cooperation in the academics and the various related activities that lead to the attainment of a reputable position among the institutions of higher education year after year.

We earnestly look forward to getting the unconditional support and care from the Parents, Industries, all other stakeholders, and the well-wishers in the coming years too.

“Excellence is a journey and not a destination.”



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SENATE

MBCET SENATE

2022-23



Dr. Remil George Thomas
Staff Coordinator



Ms. Jesna Mohan
Staff Coordinator



Siddharth S Sukumar
Chairman



Abbas Salim
Vice-Chairman



Jisna Treesa Thomas
General Secretary



Devika Vamadevan
Girl Representative



Angel T John
Girl Representative



Jason E
Magazine Editor



Allen Babu
Sports Secretary



Philip Jacob
Arts Secretary



Shahin Sadath
Media Secretary



Sidharth S
UUGC



Aswin S S
UUGC



Pranav P S
EC Rep



Shalom B Varghese
ME Rep



Anakha Ajith
EEE Rep



Rahul S
CE Rep



Amal Joe
CSE Rep



Vishnu Mughundan
M.Tech Rep

THE ACADEMIC AWARDS 2022 - 2023

THE BASELIAN AWARD 2023



Mr. Aswen A M

Department of Electronics & Communication
Engineering

ALL ROUND PERFORMANCE AWARD 2019 - 2023



Ms. A P Prasanthi

Department of Civil
Engineering



Ms. Aswathy Mohan

Department of Mechanical
Engineering



Ms. Anakha Ajith

Department of Electrical & Electronics
Engineering



Mr. Aswen A M

Department of Electronics & Communication
Engineering



Ms. Sanna Pramod

Department of Computer Science
Engineering

THE PROFICIENCY AWARD 2022 - 2023

DEPARTMENT OF CIVIL ENGINEERING



Ms. Greeshma G
S3 S4



Ms. Niranjana S
S5 S6



Ms. Archa G
S7 S8



Ms. Nomi Susan Mathew
M Tech Structural
Engineering

DEPARTMENT OF MECHANICAL ENGINEERING



Mr. Akshay Manoj
S3 S4



Mr. Abhiram P
S5 S6



Mr. Rohith P
S5 S6



Ms. Arghya P S
S7 S8

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Mr. Sabarinath S
S3 S4



Ms. Shalin Sara Jacob
S5 S6



Ms. Amrutha S
S7 S8



Mr. Aravind Sharma
M Tech Telecommunication
Engineering

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Mr. Akhil V
S3 S4



Ms. Bhadra P
S5 S6



Ms. Bismi B A
S7 S8



Ms. Aishwarya A P
M Tech
Power Control & Drives

T H E
PROFICIENCY AWARD
2 0 2 2 - 2 0 2 3

DEPARTMENT OF COMPUTER SCIENCE ENGINEERING



Ms. Anna G Samuel
S3 S4



Mr. Bharath Sundaram
S5 S6



Ms. Ruby Susan Abraham
S7 S8



Ms. Haripriya R
M Tech Computer Science
Engineering

T H E
MEMORIAL AWARDS
2 0 2 3

**PROF. R V CHITRA
MEMORIAL AWARD**



Ms. Bismi B A
S8 EEE

**MS. ANNU
MEMORIAL AWARD**



Ms. Feba Ann Varughese
S8 CE

**MR. ARUN
MEMORIAL AWARD**



Mr. Amal Joe
S8 CSE

T H E
YOUNG WIZARD OF SCIENCE
2 0 2 3



Ms. Namitha S Menon
Department of Computer Science
Engineering

T H E
SPECIAL MENTION AWARD
BY THE BASELIAN AWARD 2023 JURY MEMBERS



Ms. Arghya P S
Department of Mechanical
Engineering

T H E
BASELIAN KAYIKA PRATHIBA
2 0 2 3



Mr. Vijn R
Department of Electronics & Communication
Engineering

M B C E T A A
OUTSTANDING PERFORMER
A W A R D 2 0 2 3



Ms. Kesia Mary Joies
Department of Computer Science
Engineering 2022 Pass Out



**FROM FOUNDATION TO ASPIRATION:
A TRIPTYCH OF PROGRESS IN THE
ARCHITECTURE OF LEARNING**



20 YEARS OF MBCET

An amazing journey to the beginning of MBCET...

*MBCET is another year older.
And before we go further, here's a
BIG BIRTHDAY WISH
from the entire Editorial team...
of MBCET's vicennial celebration magazine.*

MBCET is a tech forefront laid against the backdrop of nature. The college has improved...in all respects, in the past 20 years. Whether it be infrastructure, facilities or the number of students attending it. And this is a positive sign that our college will one day, be the best in the country! The leap that our college makes towards progressing every year is huge. The changes it incorporates every year is also great. And most of all, the quality of education promoted and the way it nurtures its students and encourages them to excel in all fields, whether it be academic or non-academic is also immense.

But, all this did not happen in a day. As they say - Rome was not built in a day! Behind our College's success are many noble minds with great thoughts and much greater responsibility. Our college Bursars, our Principals, department heads and other administrative staff, our brilliant teaching staff, the non-teaching staff and of course- us students and our parents. We, as the editorial team, take this occasion to bring before you the marvel of MBCET's past. We begin here, an amazing journey to the beginning of MBCET...

A TRIBUTE TO OUR FOUNDERS

Great ideas erupt only in great minds. Here we present to you the noble minds behind the initiative called today as 'Mar Baselios College of Engineering and Technology. The vision presented years back, by these great minds is today a reality.

Mar Baselios College of Engineering and Technology was started in July 2002 by the Archdiocese of Trivandrum of the Malankara Syrian Catholic Church. The College is administered by the Archdiocese through the Malankara Catholic Educational Society, a society formed by the Archdiocese exclusively for the formation of educational, technical and other institutions to benefit the community and the public in general.

The first Metropolitan Archbishop of the province of Trivandrum was the Servant of God Geevarghese Mar Ivanios of the Malankara Syrian Catholic Church. He was an educationist who made a significant contribution to our nation. He considered education as the best means for uplifting the social condition of the people.

He brought the blessings of "higher education to all within the reach of it, without distinction of caste or creed" (Margaret Gibbons). Archbishop Mar Ivanios, a luminous figure of the 20th century, was a tireless apostle for unity. A man endowed with rare and sterling qualities, both of mind and heart, the Archbishop was at home in the halls of learning as well as in the courts of princes. Above all he was a lover of truth. This is perhaps the reason why he chose Veritas vos liberabit Truth shall liberate you' as the motto of Mar Ivanios College, the prestigious educational institution in Kerala, which he founded in 1949.

He was succeeded by Archbishop Benedict Mar Gregorios on 27 January 1955. He was a champion of religious harmony. The various projects he initiated for the upliftment of the poor bore abundant fruits and they were well appreciated. The Malankara Catholic Church grew in strength and vitality during his reign. After serving the Archeparchy for 41 years he passed away for his eternal reward on 10 October 1994.

On the demise of Mar Gregorios the Rome Pontiff appointed Archbishop Cyril Mar Baselios on 14 December 1995. On 10 February 2005 he was elevated as the first Major Archbishop and Catholicos of the Syro-Malankara Catholic Church On 10 February 2005 he was elevated as



Servant of God Archbishop
Geevarghese Mar Ivanios



His Grace Archbishop
Benedict Mar Gregorios



His Beatitude Moran Mor
Cyril Baselios Catholicos



His Beatitude Moran Mor Baselios
Cardinal Cleemis Catholicos

the first Major Archbishop and Catholicos of the Syro-Malankara Catholic Church. The long cherished dream of establishing a Professional Degree College in Engineering was realized in July 2002 with the establishment of our college, Mar Baselios College of Engineering and Technology. He established this institution with a sublime objective, namely, to provide quality technical education based on fundamental human values. In the words of the Founder: "This Engineering college is meant to train and develop men and women of higher caliber, equipped with the most modern scientific knowledge and technological skills destined not only to help our people in their march towards progress but also to bring glory and honour to our people and our country... The students of our college strive for excellence and skills and in the pursuit of success in life, in terms of their commitment to bring happiness to our fellow beings and for the development of our Nation."

The present Major Archbishop is Moran Mor Baselios Cleemis Catholicos who was elected on 10 February 2007 and enthroned on 5 March 2007, the present patron of MBCET observes: "This college has been established with a sublime objective, namely to provide quality technical education based on fundamental human values. As the motto of the College very well depicts, what we aim at is something more than the ordinary and the mediocre, without at the same time compromising on values. We wish to reach out to all sections of our society without the distinction of caste, creed, etc. In short, Mar Baselios College of Engineering and Technology is envisaged to be a glaring example of the philosophy of education and the apostolate of human resource development which the Major Archdiocese of Trivandrum has been pursuing for the last seven decades. We are sure, thousands of young men and women will come out of this Institution, fully equipped to contribute their valuable share in the great mission of nation building."

The Malankara Catholic Church, in its service to the society in the field of education during the past 9 decades has brought about phenomenal growth which has spread beyond the boundaries of the state to states all over India. Its saga of service has reached millions through hundreds of schools at the higher secondary, secondary, primary and lower primary levels and several higher educational institutions in almost all the branches of study. Among the higher educational institutions Mar Ivanios College(Trivandrum), Pushpagiri College of Medicine (Thiruvalla), Mar Theophilos College of Teacher Education (Trivandrum), St. John's College (Quilon), Mar Ephraem College of Engineering and Technology (Tamil Nadu), Malankara Catholic College (Tamil Nadu), Pazhassi Raja College (Wayanad), Mar Baselios College of Nursing (Bhopal) and many others are famous. And of course, our college, **Mar Baselios College of Engineering and Technology.**

THE CHARIOTERS

ഫാദർ വിൽസൺ തട്ടാരതുണ്ടിൻ



ഇരുപത് വർഷം മുമ്പ് ഒരു കോളേജ് തുടങ്ങുമ്പോൾ നേരിടേണ്ടിവന്ന ബുദ്ധിമുട്ടുകൾ? ഏത് പ്രസ്ഥാനം തുടങ്ങുമ്പോഴും ബുദ്ധിമുട്ടുകൾ സാദാവികം പക്ഷേ ഇതെല്ലാം ഒരു പരിധിവരെ നേരിടാൻ സാധിച്ചത് ഈ ക്യാമ്പസിന്റെ പ്രത്യേകത കൊണ്ടാണ് നാലാഞ്ചിറയിലെ മാർ ഇവാന്റിയോസ് വിദ്യാനഗർ എന്ന വിദ്യാഭ്യാസ കേന്ദ്രത്തിലേക്ക് ഒരു പുതിയ ശാഖ, എഞ്ചിനീയറിംഗ് കൂട്ടിച്ചേർക്കുക മാത്രമാണ് നമ്മൾ ചെയ്തത്. കെട്ടിടം പണി പോലെയുള്ള മേഖലയിലാണ് പ്രധാനമായും ബുദ്ധിമുട്ടുകൾ നേരിടേണ്ടിവന്നിട്ടുള്ളത്. ഈ ഭൂമിയുടെ കിടപ്പ് ഇതിനു മുമ്പ് കണ്ടിട്ടുള്ളവർക്ക് അത് വേഗം മനസ്സിലാക്കാൻ സാധിക്കും കൃത്യമായ ആസൂത്രണത്തിലൂടെയാണ് ഇവയെല്ലാം നമ്മൾ അതിജീവിച്ചത്. ആദ്യ ബാച്ചിലെ വിദ്യാർത്ഥികളും വളരെ മികവുറ്റവരായിരുന്നു. കോളേജിനെക്കുറിച്ച് വലിയ പരസ്യങ്ങൾ ഒന്നുമില്ലാതിരുന്നിട്ടും ഈ കോളേജ് ഓപ്പറേഷൻ ചെയ്തു വന്ന അവർ കോളേജിൽ നല്ല അന്തരീക്ഷം സൃഷ്ടിക്കുകയും അത് മറ്റുള്ളവർക്ക് പകർന്നുകൊടുക്കുകയും ചെയ്തു. ഒരു നിയമമുള്ളതുകൊണ്ടു മാത്രം നാം അതിനെ അനുസരിക്കണം എന്നില്ല. ഇവിടെ ഉള്ളവരും അതിനെ മനസ്സിലാക്കുവാൻ തക്ക സംസ്കാരമുള്ളവരായിരിക്കണം. അങ്ങനെയുള്ളവരായിരുന്നു ആദ്യ ബാച്ചിലെ വിദ്യാർത്ഥികൾ. തിരുവനന്തപുരം ആയതിനാൽ മികവുറ്റ അനേകം അധ്യാപകരെയും നമുക്ക് ലഭിച്ചു ഒന്നും പ്രതീക്ഷിക്കാതെ കടന്നുവന്ന അവർ കോളേജിന്റെ ഇന്നത്തെ വളർച്ചയ്ക്ക് പ്രധാന കാരണക്കാരാണ്.

MBCET യുടെ സേവന പ്രവർത്തനങ്ങൾ ബുദ്ധിവികാസം മാത്രമല്ല ഒരു വിദ്യാർത്ഥിയെ വളർത്തുക, ഹൃദയവികാസവുമാണ്. സാങ്കേതിക വിദ്യകൾ പഠിക്കുമ്പോൾ മനുഷ്യൻ മനുഷ്യനല്ലാതായി പോകാനുള്ള സാധ്യതകൾ കൂടുതലാണ്. അവർ വെറും യന്ത്രമായി മാറിയേക്കാം. നമ്മുടെ ഈ സാമൂഹ്യ സേവന പ്രവർത്തനങ്ങൾ മനുഷ്യത്വം മരവിക്കാത്ത ഒരു പുതിയ തലമുറയെ വാർത്തെടുക്കുവാൻ സഹായിക്കുമെന്ന് കരുതുന്നു. എത്ര ചെറുതാണെങ്കിലും



ആത്മാർത്ഥതയോടെയുള്ള പ്രവർത്തനങ്ങൾ ധാരാളമാളുകൾക്ക് താങ്ങായി തണലായി മാറിയിട്ടുണ്ട്.

ഇപ്പോഴത്തെ കോളേജ്?

പഠനകാര്യത്തിലും പാഠ്യേതര കാര്യത്തിലും മികവുറ്റ ഒരു പറ്റം വിദ്യാർത്ഥികളാണ് ഇന്ന് കോളേജിൽ. ഒരു കോളേജിൽ നിന്ന് സമൂഹം എന്തു പ്രതീക്ഷിക്കുന്നുവോ നല്ല ഒരു പരിധിവരെയെങ്കിലും അത് നൽകാൻ ഇന്ന് നമുക്ക് സാധിക്കുന്നുണ്ട്. അത് എല്ലാ മേഖലയിലും പ്രകടമാണ്. ബസേലിയോസ് എന്ന പേരിൽ ഒന്നിലധികം കോളേജുകൾ കേരളത്തിൽ ഉണ്ടെങ്കിലും മാർ ബസേലിയോസ് കോളേജ് എന്നാൽ നമ്മുടെതാണെന്ന് ഇന്ന് എല്ലാവർക്കും തിരിച്ചറിയുവാൻ സാധിക്കുന്നുണ്ട്. പൂർവ്വവിദ്യാർത്ഥികൾ അടക്കം ഇതിന് കാരണമായിട്ടുണ്ട് എന്നിരുന്നാലും പുറകോട്ട് നോക്കുമ്പോൾ 20 വർഷം കൊണ്ട് ഇതിനുമപ്പുറം വളർച്ച നമുക്ക് കൈവരിക്കാൻ സാധിക്കുമായിരുന്നുവെന്ന് തോന്നുന്നു. അതിനു സാഹചര്യങ്ങൾ ഉൾപ്പെടെ അനേകം കാരണങ്ങൾ ഉണ്ടാകും. മുന്നോട്ടുള്ള പ്രയാണത്തിൽ അതു പരിഹരിക്കാൻ നമുക്കു സാധിക്കണം.

MBCET ക്കുള്ള സന്ദേശം

സന്ദേശം നമ്മുടെ ലക്ഷ്യം തന്നെയാണ് 1000 കോളേജുകളിൽ ഒരു കോളേജ് എന്നതിലുപരി 1000 കോളേജുകളിൽ ഒന്നാമത്തെ കോളേജ്. ഇവിടെ പഠിച്ച്, പഠിക്കുന്ന വിദ്യാർത്ഥികളിലൂടെ ലോകമറിയുന്ന ഒരു കോളേജ് എല്ലാ വിധത്തിലും എല്ലാ തലത്തിലും മികച്ച കോളേജ്. ഇതിന് എല്ലാവരുടെയും പൂർണ്ണമായ സഹകരണം ആവശ്യമാണ്. ഇതാണ് നമ്മുടെ പ്രാർത്ഥനയും.

ഫാദർ ജോൺ തുണ്ടിയത്ത്



ബസേലിയോസ് കോളേജിന്റെ ബർസാർ എന്ന നിലയിൽ അച്ചന്റെ അനുഭവങ്ങൾ.

തലസ്ഥാന നഗരിയിലെ ഒരു പ്രശസ്തമായ കോളേജിന്റെ ബർസാർ എന്ന നിലയിലും ഒരു സംഘം നല്ല വിദ്യാർത്ഥികൾ പഠിച്ചിരുന്ന ഒരു കോളേജിന്റെ ബർസാർ എന്ന നിലയിലും എനിക്ക് ഏറെ സന്തോഷമായിരുന്നു. ഇന്റർനെറ്റിന്റെ സഹായത്തോടെ അഡ്മിഷൻ അപേക്ഷകൾ കൈകാര്യം ചെയ്യാൻ സാധിച്ചത് കുറ്റമറ്റതാക്കുന്നതിൽ പങ്കുവർദ്ധിപ്പിച്ചു. കോളേജിൽ അന്നു രാഷ്ട്രീയം കൊണ്ട് വരാൻ ശ്രമിച്ചത് എനിക്ക് കുറച്ച് വേദനകൾ ഉണ്ടാക്കി എന്നിരുന്നാലും അത് വരാൻ നമ്മൾ അനുവദിച്ചില്ല. രക്ഷകർത്താക്കളുമായി അനുണ്ടായിരുന്ന നല്ല ബന്ധം ഇന്നും പുലർത്തുവാൻ സാധിക്കുന്നു എന്നതിൽ എനിക്ക് അഭിമാനമുണ്ട്. പാഠ്യ പാഠ്യേതര വിഷയങ്ങളിൽ ഏറെ മുന്നിൽ എത്തുവാനും നമുക്ക് സാധിച്ചു.

വിദ്യാഭ്യാസ രംഗത്ത് കാത്ത്ലിക് കോളേജുകളുടെ സ്വാധീനം

കാത്ത്ലിക് കോളേജുകൾ വിദ്യാഭ്യാസ രംഗത്ത് നിർണ്ണായകമായ സാന്നിധ്യമാണ്. എത്ര പ്രക്ഷോഭങ്ങൾ ഈ കാലയളവിൽ ഉണ്ടായെങ്കിലും അതിനെ ശരിയായ രീതിയിൽ പഠിച്ചു മനസ്സിലാക്കിയ ഒരാൾ പോലും സഭയേയോ സഭയുടെ വിദ്യാഭ്യാസ നയങ്ങളേയോ എതിർക്കുകയോ തള്ളിപറയുകയോ ചെയ്തില്ല. പ്രക്ഷോഭങ്ങൾ കൊടുമ്പിരി കൊണ്ടിരിക്കുന്ന അവസരത്തിൽ പോലും ഒരു കല്ലുപോലും നമ്മുടെ കോളേജിൽ വന്നു പതിച്ചില്ല എന്നതിന്റെ കാരണവും ഇതു തന്നെയാണ്. അച്ചടക്കത്തിന്റെ കാര്യത്തിൽ ഈ കോളേജുകളെല്ലാം തന്നെ മുൻപന്തിയിലുണ്ട്. ഈ കോളേജുകളുടെ ധൈര്യം പ്രത്യേകത വൈദികരുടെ സാന്നിധ്യമാണ്. അതുകൊണ്ടുതന്നെയാണ് രക്ഷിതാക്കളിൽ പലരും എന്നോട് പറഞ്ഞിട്ടുള്ളത് ഞങ്ങളുടെ മക്കളെ ഇവിടേക്ക് അയച്ചത് അച്ചൻ ഉള്ളതുകൊണ്ടാണ് എന്ന്.



ഭാവിയിലെ MBCET

അക്രഡിറ്റേഷനും പിജി കോഴ്സും കൂടുതൽ സീറ്റും എന്റെ സ്വപ്നങ്ങളായിരുന്നു. പി.ജി. കോഴ്സും കൂടുതൽ സീറ്റും ഇപ്പോൾ ലഭ്യമായതും അക്രഡിറ്റേഷൻ എന്നതിലേക്ക് കോളേജ് അടുക്കുന്നു എന്നതിലും ഞാൻ സന്തോഷവാനാണ്.

ഇന്നത്തെ യുവത്വം

മദ്യാപാനം പുകവലി എന്നിവയ്ക്ക് അടിമപ്പെട്ട് തകരുന്ന യുവത്വത്തിന്റെ മുന്നിലാണ് നമ്മുടെ ജീവിതം ഇവ ഒരു സംസ്കാരമായി മാറുന്നു. അവർ ഇന്ന് അതൊരു ഫാഷനായി ഏറ്റെടുത്ത് സ്വയം നശിക്കുകയാണ്. ഇതിനെ തിരെ കോളേജിന്റെയും സമൂഹത്തിന്റെയും ഒരു കൂട്ടായ പരിശ്രമം ആവശ്യമാണ്.

MBCET ക്വട്ടുള്ള സന്ദേശം

തിരുവനന്തപുരത്ത് അനേകം കോളേജുകൾ ഉണ്ടെങ്കിൽ പോലും നല്ല എൻജിനീയേഴ്സിനെ വാർത്തെടുക്കുവാൻ MBCET ക്ക് കഴിയും എന്നതിൽ എനിക്ക് സംശയമില്ല. രാജ്യത്തോടും നാടിനോടും സമൂഹത്തോടും കുടുംബത്തോടും പ്രതിബദ്ധതയും കടപ്പാടുള്ള ഒരു പറ്റം എൻജിനീയർമാർ MBCET യിൽ നിന്ന് പുറത്തിറങ്ങട്ടെ എന്ന് ഞാൻ ആത്മാർത്ഥമായി പ്രാർത്ഥിക്കുകയും ചെയ്യുന്നു.

Fr. John Vilayil

Message for MBCET

Yet another batch of MBCETians is sent out as its ambassadors who are to contribute their share in the building up of the Nation, the society and the sustenance of humanity. In fact, the humanity which encounters the peril of corrosion of values forsaking human dignity needs to be sustained if the earth is to continue to be the abode of beauty. Numerous problems are awaiting them and everyday plenty of them evolve also. Such is and has been the predicament of humanity from time immemorial.



In an age of artificial intelligence human life too becomes artificial, mechanical, and scientifically predictable. But its corollary is the unpredictability of ensuing problems. Selfishness, ego, estrangement and the loss of a sense of belonging are aggravated-New diseases, destabilization, disruption of harmony, ecological imbalance and a host of such problems are on the increase.

Accordingly, the responsibility of the youth also increases, which obviously every MBCETian has to share. Have an increased awareness of one's own role as a student, as an Engineer in the making, a builder of the future society. Strengthen your creativity and power of innovation.

Remember that harmony can be gained and retained externally, only by maintaining it internally.



Second Decade of MBCET

Visit the Past decade of MBCET through covers of Magazine and Newsletter.



SCAN ME

Scan for E-bulletin

e-Bulletin is the official publication of the College, covering announcements, newscasts, alumni affairs, faculty accomplishments, awards, students innovations, forthcoming Conferences, and so on. The purpose is to quickly send the information about the variety of activities happening, on the Campus all throughout the week to the readers, so as to reach out all of our alumni, stakeholders and well-wishers through the digital media rather than using the print media.



SCAN ME

JOURNEY THROUGH 20 YEARS



A Visionary upon the Hills

The urge and yearning of the servant of God, Mar Ivanios then archbishop of Trivandrum has uplifted the disadvantaged and downtrodden and his own folk through education in the post-independence scarcity-ridden era, materialized with the establishment of Mar Ivanios College in 1949. The Hills, then known as the Bethany Hills have molded Generations. In Its course of Evolutionary growth, it has housed more than 15 educational Institutions evolving itself as Mar Ivanios Vidyanagar, the biggest educational complex, which provides facilities for education from kindergarten to Post-Doctoral studies. The foresightedness of the Visionary Servant of God, Mar Ivanios has recorded a sharp growth creating an apt ambiance for his vision of a Residential University. Mar Ivanios Vidyanagar continues to shape generations of youth, spread across the world, as the torchbearers of his great vision of the Gospel of Love.

The Roots

Since then the Malankara Syrian Catholic Church as an agent of service to the society has been playing a pivotal role in the field of education for the past 9 decades and it seemed perfectly fitting when our founder Late His Beatitude Moran Mor Cyril Baselios Catholicos added the Engineering Chapter to Mar Ivanios Vidya Nagar, the home of Education.

"I am laboring the obvious, If I try to insist that this College of Engineering and Technology is meant to train and develop men and women of high caliber, equipped with the most modern scientific knowledge and technical skills not only to help our people in their march towards progress abut also to bring glory and honour to our people and our Country..." said his Beatitude Moran Mor Cyril Baselios Catholicos, The late Major Archbishop of Trivandrum.

Years and months of planning had paid off when our Founder finally decided to convert the stretch of land adjacent to Mar Ivanios College, which existed as a rubber plantation then into the site for Mat Baselios College of Engineering and Technology (MBCET) This evolution of MBCET, which is to be taken up by the posterity, unfold thus....

Amidst the HUSTLE and BUSTLE,

Two sites were proposed for our college One of them was the present location of the Mar Gregorios Renewal centre, the second location was the current location, adjacent to Mar Ivanios College. The latter site was at first look the best preferable. But it was through skillfull and intelligent functional planning without disturbing the natural slope of the land, that it was transferred to its present state by the grace of God and under the leadership of His Beatitude Moran Mor Cyril Baselios Catholicos, the site was selected.

The next step was difficult to climb since after site selection came the job of site planning which included effectively utilizing the given space without altering the natural topography, yet the climbing, though hazardous, was not impossible. His Beatitude Moran Mor Cyril Baselios, had always been a guiding light to everyone and he always sought regarding every decision made. Dr. VK Sebastian, although a structural engineer gave numerous ideas regarding the landscape and earthwork and made sure that it'd be a cost effective construction. It was Prof.P.S Abraham who coordinated all these ideas and transferred the design on paper. A team of experts led by Dr. VK Sebastian and Prof.P.S. Abraham joined hands in setting up what would be one of the most sought after Engineering Colleges years later. Care has been



Dr. VK Sebastian,
First Principal,
Director and
Structural Engineer
of the College

taken that the building should reflect the Kerala tradition and culture it has been designed for economy, maintenance stability and adaptability with a perfect blend of modern technology as well in the manner of National level Institutions, 10ft corridor space suitable for academic Interaction has also been provided. Prof M Giridharan, who joined later, was instrumental in the electrical designing our college. The Three member team got expanded to Five when Fr. Geevarghese Nedyath, and Fr. Wilson Thattaruthundil joined the group from the part of the management with a constant support guidance and creative suggestions from the Master Craftsman, His Beatitude Moran Mor Cyril Baselios Catholicos, the Major Archbishop to solve all the hurdles and problems. The physical presence of His Beatitude instilled courage in the minds of the 'builders'.

The approval application was submitted in September 2001 in order to get the AICTE approval, the minimum requirement of the administrative building and a few classrooms were necessary After the submission of application to AICTE, the inspection was to be done in 3 phases. "The next three months were sleepless days for me, doing planning, designing, drawing discussing and getting all the plans and scheme approved" says Prof. P.S Abraham.



Prof. P.S Abraham,
Chief Architect of
The College

Dr. VK Sebastian Prof. P.S Abraham and spent hours and finally they got their plan approved, and the next morning they left for Bangalore, where the Regional Office of AICTE was situated, with the plan, and later got the approval. Mr. Vincent, contractor and engineer along with his brother, Albert were given the job of construction, who had about a 100 labourers in the work.

"The greatest hurdles were encountered during the initial phase of construction. We could cross this only through planned decision making. Those who have seen this site earlier can very well recall it now says then Bursar Fr. Wilson Thattaruthundil, According to him "Not a single day passed without P.S Abraham, VK Sebastian and myself meeting every evening and discussing the plans for the next step to be taken. After receiving the NOC from regional AICTE, the application was sent to AICTE Central Office in Delhi. When the first list of new colleges came out, our college was not listed. Hence Fr. Geevarghese Nedyath went to Delhi where he was assured it'll be taken care of. But in the second list also the name was not included.



Prof. M.K.
GIRIDHARAN
Electrical Consultant

When Fr. Nedyath went to Delhi the second time, he found that the application was never received at the ACTE so he took up a steadfast decision that he wouldn't leave Delhi until he got the approval. He stayed in Delhi for almost a month to get the wheel turning. He met with Shri. Murali Manohar Joshi, the then Union Minister for HRD, who was a good friend of His Beatitude Moran Mor Cyril Baselios and his secretary, Mr. Balashankar, a Malayalee who helped Fr. Geevarghese Nedyath with the procedures. Also KJ John, an income Tax Officer hailing from Pathanamthitta helped fr. Nedyath. All these hardships did pay off, having received the final approval. But tension prevailed until the whole work was over.

Motto

Fr. Wilson Thattaruthundil relates how the Motto of the college evolved: "Hectic preparations were going on in connection with the inauguration of the College. As part of the daily evaluation while discussing the various issues with His Beatitude Moran Mor Cyril Baselios Catholicos, the then Archbishop of Trivandrum and Founder of the College, the question of a Motto came up. It was late at night, His Beatitude slipped into reflection with the Holy Bible in his hand and hours crawled by. At last his Grace read out from St. Luke 5:4 and its Latin version 'Duc in Altum', was finalized as the Motto, it was midnight. The College being a professional Higher Educational institution, persons associated with it must probe into the deeper levels of knowledge, to the very core of everything as the Motto suggests. "Leading to the Heights of Excellence".

Emblem

Prof. P.S Abraham had conceived and designed the emblem. The design was such that, all the Engineering Branches were included in the conceptual formation of the emblem. Our Founder suggested the inclusion of 'Duc In Altum' the motto in the calligraphy of the emblem along with the name of the College and the place.

The motto Duc in Altum was placed at the base just above which came the globe.

Around the globe various signs of engineering are incorporated.

- Fundamental Branches Civil, Electrical and Mechanical are represented using the equipments used for the same viz: T-square/scale, also to represent the Holy cross- upholding the relation between science, engineering and religion.
- It is flanked by the essential engineering tool namely, set squares which gives symmetry and stability.

- The glowing torch above signifies the light of knowledge which is emanated by the institution
- From bowl carrying the flame to both the sides signals signifying other branches such as Electronics and Communication. Computer science and Information Technology emanate.
- At the bottom line the water represents the water element and the related branches of engineering such as Civil, Architecture and so on.
- All these are encompassed in the wheel, reminding the Wheel of Time, with Spikes, four of which represent the Four Directions. The glowing torch merges with the halo from above to show that the light of knowledge illuminates.

Inception of the office

The Office started functioning in September 2002 informally, to set the background event before the inauguration of the college with 7 members of the Administrative Staff. "Having 30 years of Administrative experience at Mar Ivanios College, I could initiate the office work establishing the office procedures under the direction of the Principal Dr. VK Sebastian and the Bursar, Fr. Wilson Thattarathundil." recollects Mr V.K Rose in 2009, the Office was computerized. The office has been renovated twice.

The start

The first few buildings of our College were the Engineering Workshop, Electrical Work shop and the Ground floor of the administrative block. With all the basic prerequisites to start an Engineering College the classes commenced on 21.10.2002 with branches CS,IT,EE,EC. The first Student to be admitted to the college was Mr. P.S Arjun, in the Computer Science Department. The first gathering of the College community was held in the Engineering Workshop which was presided over by His Beatitude Moran Mor Cyril Baselios Catholicos.

There were 12 Academic, 6 Technical and 9 Administrative Staff in October 2002. It increased to 21 Academic, 11 Technical and 9 Administrative in July 2003 and to 38 Academic, 16 Technical and 12 Administrative in July 2004. First Class for Mtech began on 2012. As on June 2023, the number of teaching faculty is 172 Technical Staff is 56, Administrative Staff is 30 and that of the Supporting Staff is 25 recording a steep and steady rise in the graph of growth.

His Excellency Most Rev. Joshua Mar Ignathios, presently the Bishop of Mavelikkara, and then the Auxiliary Bishop of Trivandrum has been instrumental in the initiation of the institution. It was His Excellency who took care of the interview and appointment of the Staff at the time of the inception of the Institution. Dr. VK. Sebastian took over as the Principal in 2002 and subsequently the Director in 2005, while Prof. M.K. Giridharan was appointed as the HOD of EEE. It was later that the 2 floors of the administrative block, the Library and the Computer labs, the Academic Block, the Amenity Center, the Mechanical and Civil blocks and Examination Block came up in the respective order.

The College was officially inaugurated on 14 March, Friday 2003 by the then Union Minister for HRD, Dr. Murali Manohar Joshi. A very good day indeed to start a new innings. The inauguration was also presided over by His beatitude Moran Mor Cyril Baselios, the then Archbishop of Trivandrum, Shri. KM. Mani, the then Minister for Revenue and Law, and Shri. Nalakathu Sooppi, the then Minister for Education. The 'C Block which houses the Library and the Computer Labs was blessed by His Beatitude Moran Mor Cyril Baselios Catholicos and inaugurated by Shri K. Mohandas, IAS, Principal Secretary, Higher Education, Govt. Of Kerala on 19th Dec, 2003. The B Block, namely the Academic Block was completed in 2004. The Amenity Centre was inaugurated on 3rd March 2005 on the occasion of the "Sapthathi" of His Beatitude Most Rev. Dr. Cyril Mar Baselios, Major Archbishop Catholicos of the Malankara Catholic Church. Along with the B-Block came up the three-ton marble-white statue of Christ which is 33.5ft tall. The statue made by the sculptor Premachandran is dedicated to the memory of Midhun Markose an alumnus of the College (2004-2008). It was the tallest statue of Christ in India at that time of installation. The statue was blessed by H.B Moran Mor Baselios Cardinal Cleemis Catholicos in 2013. The Latest addition to our campus the Examination Block was innaugurated by our beloved Patron His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos on 11th February 2022.

Home away from Home

In the beginning the Men's Hostel was in the then Mar Ivanios Old hostel, which is a part of the present Mar Gregarios home Renewal Centre. The intake of students then was 120. The present Mar Aprem Hostel started functioning in 2008-2009.

The Girl's hostel with an intake of 75 students earlier was the Sacred Heart's Convent Girls Hostel, which although still serves the needs of girl students, a part of the girl fraternity stays in the newly constructed Jayamatha Girls Hostel since 2010.

A college with a difference

The involvement in extracurricular activities besides studies is praised by Prof KM. Raju HOOME and the Former Principal(2005-09) who says, "We rank 1st, 2nd, and 3rd among the top 20 Engineering Colleges. The fact that should be appreciated is that we are not getting top rankers at the time of admission and it is these students who compete with the top government colleges and get such good scores. Also, our cultural, arts and sports groups are better than other professional institutions". The college's participation in the Kerala University Youth Festival since its inception has brought us the "Kalathilakom title in 2006 by Divya Nair, in 2008 by Meera Anil, and runners up in the year 2009 by Meera Anil Also our college won the runners up trophy in 2011 Kerala University Youth Festival.

Achievements over the past Decade include:

- In 2012 and 2017 College Team won the Runners up in Kerala University Youth Festival and Arjun K S won Kalaprabha in 2017 Youth Festival.
- In 2014 and 2015, College Team became the Champions of the Kerala University Youth Festival and Vishnu Vijay of MBCET won the Kalaprabha in 2015.
- In 2014, MBCET Basketball Team became the Champions of Kerala College Games.
- In 2019, MBCET Sports Team won the first All Kerala APJ Abdul Kalam Technological University Athletic meet overall Championship and Women's Overall Championship.

The College started organizing various extracurricular activities beyond academics, by introducing our students to various associations such as IEEE, CSI, ASME, ASCE, ISTE, IET which enhanced their practical knowledge.

This difference has become perceptible, thanks to the timely intervention, prompt advice and guidance given to the College by His Excellency Most Rev. Samuel Mar Irenios, Former Auxiliary Bishop of Trivandrum and Chairman, Synodal Commission for Education, Malankara Syrian Catholic Church. His Excellency has been very keen about the spiritual, moral and cultural formation of the students, and the welfare of the College.

The talent met the talented

One of the greatest milestones set in MBCET was the initiation of the College Cultural Fest on 3 March 2005, CROSSROADS. The organization of this festival was completely undertaken by the students of MBCET, which provided them a platform to work for a goal as a team and to interact with people out of the college fraternity. Since then, 'CROSSROADS has grown beyond the expectations of many and has given surprises every year.

Other than the main College Fest, Departmental Festivals and other important events are organized, a few of them are the 26th National Student Convention of CS coordinated by Computer Science and Information Technology department, UTBHAV by the Civil department, COMNET-National Conference by the EC department, IEEE Gold congress and IET inauguration by the department of EEE, OFFROADZ by ME Department. The College organised SME Startup Conclave which was inaugurated by Dr. Harsh Vardhan, Hon'ble Union Minister for Health in 2017. In 2020, Sri. M. Venkayya Naidu, Hon'ble Vice President of India, Sr. Arif Muhammed Khan, Hon'ble Governor of Kerala inaugurated the 27th National Children's Science Congress held in the Campus.

Engineering innovations

As time passed MBCET moved forward in terms of technology, innovation, outsourcing given to its students. The college intranet setup ensured speedy network connection. The student projects got India-wide public appreciation and a great applause from the public. Many of the projects were included in commercial manufacturing techniques and a lot others got patents. 2017 MBCET has been approved a Research centre under the KTU.

The Introduction of Dr. APJ Abdul Kalam Centre for Innovation, Incubation & Entrepreneurship collaboration with KSIDC, B-Hub (Mar Ivanios Campus), Space Avionics Test & Evaluation Lab (SATEL) collaboration with VSSC, E- Yantra : Robotics Lab (IIT Bombay) and lastly added Intel Unnati lab ensure students of MBCET to become problem solvers of Society and provides facility to upgrade their skill and knowledge, to work as a team and also help to start startup ventures during Academic Life.

Our Principal Abraham T Mathew Believes that "Innovations shall be in creating avenues for experiential learning and engagement with the students, collaborations with the industries, and the academic networking for research leading to translational research. Industry-supported Labs, industry-designed electives, and curated skill development activities shall be added to our course offerings and make the academic ambience more conducive for innovative teaching and learning"

Tie up with Industry

The collaborations with the industry have been facilitated through the creation of an ecosystem for the promotion of skill development and the academia connect for career guidance, placements, research

innovations, entrepreneurship, and so on. MBCET is the only Institution to have a tie up with Dassault Systemes in Kerala, and has been providing world class training programme in CATIA. The MOU for the same was signed on 15th January 2010. Since then two batches of students including those from other colleges have completed the CATIA course successfully. The classes have been conducted by the EDS Technologies Bangalore, the nodal agency of Dassault Systemes.

The College also have signed MOUs with various prominent Companies such as L&T, Intel, UST Global etc. in order to accomplish MBCET's vision to nurture transformative relations with Industry that deliver mutual benefits for our partners, students, staff, alumni and the community by and large.

The path of progress

As time passed, Roads were widened and laid for better transportation services throughout the state. This also provided the Mar Ivanios Vidyannagar and hence our College, a better and easier accessibility to a larger number of people. Rev. Fr. John Thundiayath, served the College as the Bursar from 2007-2010. He evaluates the saga of progress thus: "MBCET can take pride in its admission process which is totally transparent and accurate. The use of internet has been significant in this respect. The College campus continues to be free from unhealthy politics. At the same time due importance is given to extracurricular activities".

The NAAC Peer Team visited the MBCET campus on 26, 27 and 28 September 2016 to assess the performance of the Institution. The Team was headed by Padmashri Prof. Rajpal S Sirohi, Former Director, IIT Delhi and Bharat Ratna Lokapriya Gopinath Bordoloi Chair Professor, Tezpur University (Chairman); Dr. Amiyakumar Rath, Professor of Computer Science, Veer Surendra Sai University, Odisha (Member, Co-ordinator) and Dr. Vlias Karjinni, Principal, Kolhapur Institute of Technology's College of Engineering, Maharashtra (Member). With a NAAC score of 3.13 and A Grade, MBCET was the only Engineering college in Kerala at that time with NAAC 'A' grade and NBA accreditation for all B.Tech programmes which are valid till 2025.

APJ Abdul Kalam Technological University has notified the conferment of autonomous status to MBCET by UGC on 15 July 2020 for a period of 10 years (2020-21 to 2029-30). Autonomy provides greater flexibility to the institution in improving the quality of education towards achieving academic excellence.

Consecration of the chapel

In 2007, the construction of the Chapel in the campus began having its foundation stone laid by Fr. Wilson Thattaruthundil and by Jan 2010 it was blessed as St. Basil's Chapel by His Beatitude Moran Mor Basielios Cleemis Catholicos. "It's a place where amidst all the tensions, and daily worries one can find serenity." says a student.

"I like the silent chapel before the service begins, better than any preaching", shares another student.

Green Campus

As part of Campus self-sufficiency and a greener tomorrow, initiatives were taken to set up solar lamps along the stretch from the Mar Ivanios Vidyannagar Main Gate till Girideepam convention centre. Our College has Rainwater Harvesting System which has a capacity of nearly 40,000 cubic meters which will benefit around 13,000 people from different Institutions of Mar Ivanios Vidyannagar with their water demand. 200 kW roof top Solar Energy Plant is implemented which generates 900 units /day transforming MBCET into Green Campus which is 1st and largest of it's kind in India. A Biogas Plant of capacity 80 cubic meters functions in Mar Aprem Men's Hostel, providing cooking fuel for Hotel Mess which houses 400 inmates.

The Step Up

The identity of the college in its evolutionary process got a new facelift with the new names; Administrative-A Block-Chaitanya, Academic-B Block-Thejus, Library, CCF C block- Nalanda, Civil- G Block- Nirmithi, Mechanical- H block- Yantra, Students Amenity Centre- Olympia, Open Air Theatre(OAT)- Arena

Halls also got names; Senatus Hall, Faraday Hall, Visweswaraya Hall, Pascal Hall and Aryabhata Hall. The idea of naming the buildings was proposed by the Former Principal, Dr. T. M. George. Accordingly the names were suggested by Dr. George Zachariah, Department of Science & Humanities, he having been deputed by the College Council and were approved unanimously. The names have been chosen in keeping with the suggestion of Fr. Wilson Thattaruthundil, to maintain a secular touch in the chosen names. The names of the Halls were suggested by the respective Heads Of Departments.

Into the Book Records

MBCET, as a propaganda against the use of plastics, achieved a place in the Limca Books Of World Record by creating the most numbers of paper bags in a short time. The students of MBCET made 1102 paper bags in 2 minutes.

A Class Apart

Our Former Principal, Dr. TM. George believes that the academic environment of the College is what sets it apart from others. "An environment in which the staff and the students are mutually respected and cared for, an environment of discipline, all these add to feathers to your cap. Our academic results are in top tier, among other self financing colleges, right from our first batch. We also encourage students for nonacademic activities and have proved our excellence in both with a provision for betterment. Providing specialized training for students to prepare them for competitive exams and for getting them placed is another specialty of the college, for which we have a unique advisory system and students counselling service" "The co-operation and handwork of all the staff without which these achievement would not have been possible, is highly appreciated and acknowledged. Thanks to all parents, guardians, benefactors and well wishers for the encouragement given" reflects Dr. V.K. Sebastian first Principal whose lineage the present generation continue to cherish.

The New Patronage

"A sense of belongingness to one another, a sense reaching out and a sense of caring for the society and environment are what we need and it should drive us. At MBCET, students are motivated in charity works. They are made aware of the problems and hardships people face and fostered to provide a helping hand whenever possible says His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos, Major Archbishop of Trivandrum. Evidently, it's the quality of education that always matters, and our college strives to achieve it and the posterity will complete it...

Thanks to forerunners Chrysalis (2005), Vignette (2007), Carpediem (2009), Route66 (2010), Out of the Box(2011), Step10 (2012), And. (2013), Legacy(2014), Insight(2015), Infinity (2016), Epoch (2017), Eye(2018), Hues(2019), Voice (2020), Juvenis (2021), Eureka (2022) and to "In Altum" the College Newsletter.

It is the prayers of the well wishers which have made MBCET what it is today. Without the students, teachers, administrative staff, this spectacle would not have been possible.

Its MBCET's 'VIBES'

Torchbearers of MBCET



My Memorable Years In MBCET

Dr Sakuntala S Pillai

Former Director, LBS Centre for Science and Technology

Former Dean (R&D), MBCET

I am thankful to God Almighty for giving me an opportunity to work in Mar Baselios College of Engineering & Technology, Thiruvananthapuram right from its nascent stage. After a well engaged, satisfactory and productive service of 34 years in different Govt. Engineering Colleges and as Director, LBS Centre for Science & Technology, I joined Mar Baselios College of Engineering & Technology on 3 July, 2003 as Professor and Head of the Department of Electronics & Communication Engineering as per the invitation of Prof. V. K. Sebastian, who was the Principal of the college. At that time Smt. M. J. Jayashree, who had joined the college earlier as lecturer, was the only other staff member in the Dept. Prof. K. M. Raju and Prof. A. Gopalakrishna Pillai (Professors of Mechanical Engineering), Prof. M. K. Giridharan (Professor of Electrical and Electronics Engineering), Ms. Jayasree M.S. (Lecturer in Electrical and Electronics Engineering), Prof. Kunjukujamma (Professor of Mathematics), Ms Neethu Roy and Ms. Phoenix (Lecturers in Civil Engineering), Mr. Sreekanth (Lecturer in Mechanical Engineering) and Ms. Abin (Lecturer in Physics) were the other staff members in the college. Prof. Prasannakumari (Professor of Electrical Engineering) and Prof. V. K. Thankammal (Professor of Mathematics) joined during the next year. Rev. Father Wilson Thattaruthundil was the Bursar of the College. Prof. Sebastian Sir had given me 100% freedom to set up the Department. And the Bursar gave me 100% freedom in the selection of faculty members of the Dept. All of us worked hard as a single team to make MBCET, the best engineering college in Trivandrum. Even though the college was established late in comparison to some of the others, the excellent performance of the students in the first year examination gave a tremendous boost to the college. A good number of very bright students gave MBCET as the second option after CET. So we had very brilliant students who took admission in the second batch. After that there was no looking back. I was able to quickly set up various labs, prepare the list of experiments and the procedures for the conduct of experiments with the full support of my former colleagues in CET. Jayashree, with her hard working nature, helped me to run the department in full swing in no time.



Subsequently, staff members like Luxy Mathews, Ancy S. Anselam, Swapna P. S., Teena Rajan, Deepa P.L., Jinu Baby, Anoop K. Johnson, Niyas K. Haneefa and others joined as lecturers. We had Binu P. S. as Lab Staff, who kept the lab spotlessly clean at all times. With his systematic planning of various experiments, continuous learning attitude and punctuality, he was a model even for the teachers. Ramachandran Nair, who tirelessly serviced all the electronic equipments saved a lot of money for the college. Anil Kumar contributed a lot in setting up IEDC lab for conducting skill development programs in the college. Ajithkumar, Manju Suresh, Anish and Shinin also looked after the various labs in the best manner.

As an institution with only undergraduate students, the main focus was on teaching. However, I was very much interested in doing research work. I am indebted to my M. Tech guide late Sri. S.M.M. Rao Sir of VSSC, who kindled the passion for research in me. My doctoral research guide Dr. M. Harisankar was a Professor of eminence and was respected by the research community of VSSC, CDAC etc. and also by the members of the professional societies of Trivandrum. He used to take me along with him for attending various seminars and conferences. This created a strong desire in me to organize a conference in MBCET. It was at this juncture that we got the services of a very senior and scholarly person with the name of Prof. Viswanatha Rao as boon to our department. He possessed BE and ME with first rank from IISc, Bangalore and had a lot of experience in various international research labs and also had many international research papers to his credit. He was a strong support in organizing the first National Conference Broadband '08 in the College during 27-28, March 2008. I must acknowledge the support of my friends from Computer Society of India like Mr. Satish Babu, late Dr. Amarnath Raja, Dr. Satishkumar, Mr Krishnankutty, Mr. Benoy Varghese (new staff member of our Dept.) and others in organizing the conference.



The highlight of the event was the inauguration by Sri. Kris Gopalakrishnan, the then CEO and MD of Infosys, whom we could bring in with the help of late Prof. K. G. Koshy. We also could get Prof. U. B. Desai, Eminent Professor of IIT Bombay and Director of IIT Hyderabad for delivering the keynote address. Rev. Fr. John Thundiyath was the Bursar. He gave us full support by permitting us to use the Lab of the Civil Engineering Department (currently the Visvesaraya Hall) as the venue for the conference. For the first time, all the staff members of the department under the leadership of Prof. Viswanatha Rao, Jayashree and Benoy Varghese took up the challenge of coordinating various activities of the conference and as a result the conference was a resounding success. IEEE Kerala Section also gave its strong backing for the Conference. It was a great step in the development of MBCET, creating a visibility to the outside world, because participants from engineering colleges from all over India, came to our college and enjoyed our hospitality. Subsequently, we organised CoMNeT-2010, the National Conference on Communication Systems and Networks, during 21-22, December 2010. With the confidence soaring high, we wanted to organize an International Conference with all the departments under one banner with a united theme. This resulted in ICGT12, the IEEE International Conference on Green Technologies during 18-20 December 2012, under the leadership of Principal Dr. T. M. George. The conference was jointly organized by MBCET and University of Dayton USA. My former student Dr. Vijayan Asari, Research Chair, University of Dayton offered full support for organizing this conference. We had the support of other distinguished personalities like Prof. V. K. Damodaran, Sri. N. T. Nair, Dr. Achuthsankar S Nair and Dr. C. G. Sukumaran Nair for organizing these Conferences. Subsequently Electrical and Computer Science departments had also organized several conferences. The idea that every department would conduct a Conference once in two years was floated. It was after that the dept of ECE organized COMNET 2016, IEEE International Conference during 21-23 July 2-16. This time Deepa P.L. took the up the challenging work of coordinating the

review process. I must mention that Dr. T. M. George, our Principal was very enthusiastic in organizing these conferences and he took great effort to see that they are conducted in the most systematic manner. As a faculty of the EC department, I would recollect that, the team spirit of EC Dept is commendable. Senior members like Jayashree, Swapna, Ancy, Luxy, Anoop, Niyas, Jinu-each one would take charge of an activity and the whole event will be a huge success.

I always believed in the holistic development of the students. As an initiative to inculcate professional qualities in students, we wanted to start student chapters of professional societies. As a result, the IEEE student Branch of MBCET was inaugurated in 2008 by Sri. G. Vijayaraghavan, founder CEO of Technopark. The students under the leadership of Shibu Shajahan, Arun Raj, Varun Raj were very enthusiastic and in 2008 MBCET student branch bagged the Best Student Branch Award of IEEE Kerala Section. I am happy that subsequently IEEE student branch has grown big under the leadership of Dr. M. J. Jayashree.

In order to promote research activities, it was necessary to start post graduate programs. So, we designed the scheme and syllabus for a new M.Tech program in Telecommunication Engineering. A committee was formed for the same and the important external members were Dr. E. Gopinathan (NIT Calicut), Dr. Jiji C.V. of CET, Dr. K.C.Raveendranathan of Barton Hill Engineering College and Dr. Apren T. J. of VSSC. We had several meetings and Swapna P. S. and Ancy S. Anselam took the initiative to prepare the final scheme and syllabus of the Programme. After many iterations, we submitted the completed scheme and syllabus of the M. Tech Programme in Telecommunication Engineering to the University of Kerala in May 2010. The syllabus was approved by Kerala University. However, due to some technical issue, Govt did not give us sanction to start the program during the next academic year. M. A. Engineering College, Venjaramood, was fortunate to start the first batch of M. Tech program in Telecommunication in 2011 using the curriculum designed by us.

We started M. Tech Program with the same syllabus in 2012 with an intake of 18 students. Prof. Paul Thomas joined the college during this period and he was posted as Professor of P. G. studies. We were also fortunate to have Narayanan Sir, Senior Professor with a lot of research experience in DRDO, for a few years with us. He was a treasure house of knowledge and technical reference. He was a mentor to our students and many of our faculty members.

With very good admission for the PG programmes, it was important for the scholars to refer to good publications and also publish their research work in International Conferences and reputed Journals. I was able to convince Rev. Fr. Wilson Thattaruthundil the necessity of subscribing to IEEE international journals. He had complete faith in me and he generously supported all my activities. I could carry out the various activities for the development of the college only because of the full support of the Bursar. So, all the M. Tech students had publications in various IEEE international conferences. I am happy to note that some of these publications are cited by researchers even today.

In 2010, I was assigned the post of Dean (R&D) and Prof. Viswanatha Rao was posted as HoD, EC Dept. I must mention here that even though I was not the HoD, Rao was so magnanimous that he made all the decisions only after consulting me. During that period AICTE made doctoral degree mandatory for promotion to the post of Associate Professor. There was shortage of approved guides in Kerala University. I was an approved guide of Kerala University from 1990 onwards and had already produced 5 Ph. D degrees. I thought it my duty to support my young colleagues to the maximum extent. So, in 2012, the following five staff members of my department, Viswanatha Rao, Swapna P. S, Luxy Mathews, Ancy S. Anselam and Yamuna K. Moorthy registered for doctoral research program in Kerala University under my guidance. I am happy that all of them got doctoral degrees after a lot of hardwork. In February 2012, I was able to get a research grant of Rs.13.02 lakhs from VSSC under Project RESPOND for the project "Study and Implementation of Advanced Low Bit Rate Audio Encoding and Decoding Algorithm". I was the Principal Investigator of the project and Ancy S. Anselam was the co-investigator. Prof. Viswanatha Rao also contributed a lot to the successful completion of the project. We completed the project in January 2015. Meanwhile in 2014, Viswanatha Rao was promoted as Vice Principal of MBCET and Jayashree was promoted as HoD of EC Dept.

It was noticed that some of the project works of B. Tech students were of very good standard. So we thought it will be a good practice to start our own research journal called MBCET Journal of Research. We formed a research Committee with the Principal, Bursar and HoDs of various Depts as members. The students were given guidelines and format to prepare the journal paper. Most of the students from all departments submitted the paper as per IEEE Format and we could publish 3 volumes of the journal. I must acknowledge the systematic hardwork put in by Manju



Suresh, Lab Staff of EC Dept in compiling the research papers from various departments, formatting them and bringing them into the form of a journal. Prof. Viswanatha Rao also took great interest in the publication of the journal. I wish to acknowledge the full support given by the Bursar Rev. Fr. Wilson Thattaruthundil for this. Sri. Binu K. John, Librarian also helped us to get ISSN number.

Establishing relation with industries is an important factor in order to enhance research and placement opportunities. As a part of expanding our R&D activities we met Dr. M. Ayyappan, Chairman, HLL Life Care, who was also an alumna of CET, in his office. He invited us to visit his factories in Akkulam, Trivandrum. After a number of discussions, MBCET signed an MOU with HLL in February 2015 to boost up industry academia collaboration and initiate joint research programs. I must acknowledge the contribution of Dr. Nidhi M.B. of Mechanical Dept. who helped to speed up the process.

It was in 2015 that we submitted a proposal to the Director VSSC to set up a VSSC Test facility in the college. We had several round of discussions with various heads of sections, who were mostly my former students from CET. I must acknowledge the contribution of Dr. Apren T. J., and Mr. John P. Zachariah, Director (Research), VSSC who had helped us to the maximum extent. Finally, the VSSC test facility 'Space Avionics Test and Evaluation Laboratory (SATEL)' was inaugurated on 20 July 2017 by Dr K Sivan, Director VSSC. I am happy that today it has become an income generating accredited Lab for the college.

In 2016 MBCET applied for the first NBA Accreditation. At the time I was Dean (R&D). Swapna, the NBA Programme coordinator from ECE, with the strong support from Jayashree, who was the HoD, coordinated the entire activities in the best possible manner, with all the members from the dept contributing very well. Prof Viswanatha Rao was the NBA coordinator for all the programmes put together at the Institute level. I recollect, we all worked as a team in the college even beyond 10pm those days in preparation of the expert team visit.



For the first time B. Tech Program of EC dept got accredited by NBA w.e.f. 01 July 2016 and so were the remaining four programmes. It was an excellent show of teamwork by all the faculty and staff of the MBCET. It was a double delight when the College got NAAC accreditation with A grade in the very same year.

Physical as well as mental fitness are equally important for a healthy living. I have been practicing Art of Living program since January 2000. I was a chronic asthma patient for more than 12 years and the daily practice of Sudarshana Kriya helped me to lead a healthy life without resorting to unnecessary medications. In April 2009, I became an Art of Living teacher. I am thankful to Fr. Wilson Thattaruthundil and Fr. John Thundiayath for permitting me to conduct Art of living Courses for more than 100 staff members and many students in the college. In fact Fr. John Thundiayath participated in my program and he had great experience after doing Sudarshana Kriya. Fr. Wilson had told me that I could conduct whatever that is good for the staff and students of the college. Accordingly, we had conducted free yoga classes for the first-year students. I appreciate the support of Pradeep M., the present Controller of Examinations, Savitha and Neeradha of Science and Humanities Dept. in this regard.

In addition to serious work, MBCET also provided some opportunity for relaxation. There were a few retired lady teachers like me in other departments. Prasanna Teacher, Kunjukunjamma Teacher, Thankammal Teacher, Rebecca Teacher, Shobha teacher and Komalavalli Amma used to spend our free time together in the Maths staff room. All of us will bring many eatables and share them and have a nice time chatting during our leisure hours. I also enjoyed participating in the various celebrations of the college like Onam, Christmas, College Day, Cross Roads etc.

I wanted to be relieved from MBCET on 19 January 2017

as my husband who had a major surgery wanted my presence at home. Fr. Wilson had given me many options to my convenience for me to stay back. However, I was not in a position to continue. I am thankful to the Management, Principal, HoDs and other staff members of the College for giving me an opportunity to work in the most enjoyable manner in the college. Archbishop Moran Mor Baselios Cardinal Cleemis Catholicos was also very loving and supported all my activities. I am thankful to the management who gave me a grand send off on the last day. I am also thankful to the Management for honoring me on the occasion of 20th year celebrations of the college.

I am extremely happy that I could play my role in establishing MBCET as well as promoting its growth towards its motto, 'Leading to the Heights of Excellence'. On the occasion of twentieth year of its establishment, I wish MBCET the very best, to be one of the most sought-after institutions for higher education and research.

"Memories may fade as the years go by but they won't age a day."

~ Michelle C. Ustaszkeski

Thank You All

BATCHES THAT BLOOMED OVER TWENTY YEARS

Over the years, MBCET has helped shape the lives of many youngsters and made them into brilliant yet morally inclined Engineers. Here, we took some time off to talk to a few people from each batch to give us their feedback on the developments they saw during their short stay of 4 years at MBCET



2002-2006 batch

We were the first batch of students, so the teachers were very concerned about us as our University results would be crucial. We have seen every phase of growth of the college and have seen every brick of it being laid. When we came, only the 'A' block was built, but today MBCET has a huge campus. Our beloved Bursar Rev.Fr. Wilson Thattaruthundil has played a vital role in MBCET's growth. On this occasion, we recollect our 1st CROSSROADS. The coordination of our college to make that event a huge success had opened the gateway to future successful CROSSROADS. The 3 series exam schedule has now been made into 2 series exams per semester and the timings of the college also have been revised. These are 2 good positive changes. Additions of M.Tech courses have added feathers to MBCET's cap. We hope that MBCET scales even greater heights and continues to inspire the future batches too.

C. Sojy Rajan and Praveen.S.Babu

2003-2007 batch

We were the 2nd batch of students at MBCET. Today, as an alumnus of MBCET, we realize that the 4 years that we spent at MBCET were indeed '4 golden years. We realize the value of college only after we pass out of it. Given a chance, we would all like to go back and enjoy those days again, with our dear friends. MBCET has given us a lot of cherishable memories - college day and the 1st CROSSROADS were 2 huge events amongst them. I have studied in this college and have also been teaching in this college for the past few years. And thus, I have seen a lot of changes at the college over the years. Compare to our college days in 2003, MBCET has improved a lot in its facilities and provides a much greater spectrum of options for development of the students. One thing! would like to see as a change at MBCET today would be a change in the pattern of girl's uniform. As the 2nd batch of students to have passed out of MBCET, I can proudly say that MBCET has touched and changed the lives of many in our batch and we are proud of that. Most of us are in a good position in life today because we were once MBCETians!

Merin Kuriakose

2004-2008 batch

MBCET has gifted us four years of sheer joy and countless memorable moments to always cherish. The first CROSSROADS of MBCET was held during our time at MBCET and the fun we had during those days our engraved into our hearts. Over the years, we have seen MBCET bloom into one of the best self-financing engineering colleges in Trivandrum has strived to keep up a reputation that is unique to only itself. Life at MICET has shaped in all into engineers with a heart and have changed our perspective towards Life.

Renosh Thomas K

2005-2009 batch

As I write this my heart pounds faster. Our batch was the first one to have the Civil and Mechanical Engineering students. With our admission, the college was running on 4 batches of students simultaneously. Our seniors have done a great part in showing direction for the rest to follow. To bring out an excellent college magazine (CHRYSSALLIS) in the third year of working, to initiate CROSSROADS...very a few of their achievements. Our seniors showed us that, college life is not to be confined only within the four walls, but instead we have to be proactive. One milestone our batch laid was the championship at RAGAM in 2006. MBCET has become more disciplined and organ our offset. The college has grown to newer levels of student achievements. Of course the teaching, non-teaching and administrative staff are doing their part excellently MBCET will definitely be among the top 5 colleges in Kerala. A lot of hard work, prayer and commitment is needed from every student to foster us ahead. Our batch was like a sinusoidal curve with only the positive half cycle. We started slowly, became aggressive, then grew in Christ and came down to the equilibrium slowly.

Bini Koshy

2006-2010 batch

Life at MBCET is a phase we cherish all through our lifetime...insane friends, classrooms, the library front which we used just as a hangout spot, the OAT and Amenity Centre which resonated with frantic wolf howls during fests all bring nostalgia to mind. We would like to see the alumni network strengthened. Contact with college and its happenings reduce after leaving college. We still want to be a part of MBCET and help out in any way possible be it in terms of placement or mentoring the new batches. Competition in India, among engineering colleges is tough but MBCET has set aims and goals has started scaling heights already. MBCET has groomed us a lot. College life rendered many experiences out of the books too. I'll list 5 of them here- People who don't have the drive make terrible engineers, all wonderful habits can be "copied", 4yrs will give so much time to learn...you just have to utilize it, all skills are realized, harnessed and appreciated the most in our college days, and What u gain and lose in your college can never be attained from anywhere.....

Rajaram. R

2007-2011 batch

As an MBCET alumnus, when we look back now, we realize that MBCET has given us a lot of opportunities for development. MBCET has taught us to be independent, to take difficult decisions, and make things happen. MBCET, apart from molding us into engineers contribute to our overall development. Every single day at MBCET has gifted memories both good and bad and we wish to relive them again. Meeting a lot of wonderful people was the perk of studying at MBCET. At MBCET, we realize that we Youth as a group are very talented and leaping with bowls of energy and optimism. Each and every student studying at MBCET as social beings and as citizens of India are obliged to contribute to our society. Life is not all about studying, playing, winning competitions and earning a fat salary. To make life complete, we should do our bit of service to the world and this is what MBCET taught us. As an improvement, MBCET could provide equal opportunities for development to weaker students too. There could also be a College entrepreneurship cell for promoting new ideas, budding entrepreneurs and startup companies/social NGOS. A nature club for the greenthumbs at MBCET is a dream too. MBCET has been a turning point in our lives. Had we not been a part of the MBCET family, we may not have achieved a lot of things that we are really happy of today.

Melvin Mathew Stephen

2008-2012 batch

Four years at MBT was wonderful and it's something I will cherish all my life. However we criticise our college, we'll surely end up missing it" and now I realise that fact. We were the fourth batch of Civil and Mechanical students and thus all four years had 6 branches of students thus completing the family! The most unique about our batch was our "SPECIAL" uniform (especially for the girls) which made us feel like we are coming from some catering service!!! Our seniors got shocked and they mocked the uniform pattern revision. The 'Cafeteria' was also born with our batch. It became a safe place for the seniors to rag juniors and for guys to gather and scan girls! It still is our favourite hangout at MBCET! The co-operative store to sell stationery was started in 2009. It had much more stationery than just assignment books and records. It was a blessing! Gradually, there was a makeover of our college and new names for each block were also given. Every 'Crossroads' has been a festival for us. We wish MBCET to have more achievements in academic and non-academic fields. MBCET has made us realize our potential and talents and have groomed us a lot too. MBCET gave us immense opportunities to showcase our worth. We feel like 4 years went like just 4 months!! As MCBET completes another glorious year, we wish MBCET all the very best!!

Amritha Nair M.A

2009-2013 batch

3 years in MBCET has been a bundle of memorable experiences tied together with a strand of happiness! Life has been a roller-coaster ride at MBCET where the downs always raced back to the ups. Just like all other batches at MBCET, our batch also believes that CROSSROADS is the 'Pulse of MBCET! The whole glam and glitter of the event would sweep anyone off their feet. At MBCET every student's academic performance is taken care of. But, we would like more freedom to explore on the academic front apart from the matter in the syllabus. In this era of competence, students should be encouraged to focus outside the textbook also. We wish to have more hands-on knowledge Given the conducive academic environment with state-of-the-art facilities, it is not hidden to us that MBT is one of the best self-financing engineering colleges in Kerala. MBT certainly has given a new dimension to professional studies, in addition to nurturing organizational abilities. With the inclusion of PG courses, the prospect of MBCET has certainly reached greater heights. Transforming crude rock of potential to a 'diamond' of an engineer- this is what MBT has been doing since the very beginning. We as the 8th batch of MBTians, are with the transformation flow. From limited information seekers to free thinkers and open-minded individuals, MBCET has made a change in the life of our entire batch. We hope that MBCET will continue to grow the same way and scale even greater heights! We wish MBCET all good on this occasion!

Jostom



2010-2014 batch

As I came to college, I had expectations of a college with total freedom that helped me realize goals such as 'bunking classes', 'setting trends', 'be a free bird' and destroy the hurdles of a school bound child! But I should say, MBCET is nothing like this. It is an engineering college that offers fun in it's own way while also educating us to be responsible engineers of the future! Being an MBCETian exposes you to a wide variety of opportunities and we are encouraged to perform our best! As a positive change, I would like to see MBCET have more college buses to avoid the jam-packed situation! We would also like to see more yummy stuff at the cafeteria. At MBCET there is a vibrancy, a spirit, a sense of unity, an ambience to enjoy as well as study and a lovely atmosphere to relax too. MBCET has definitely changed our lives for the best. As aspiring engineers, we expect MBCET to show us the path and guide us to our goals. We are definitely a proud batch of students as we are lucky enough to be a part of the MBCETian family.

Aswin Padmakumar

2011-2015 batch

A year has passed since our batch has joined the MBCET family. This one year has given us a lot of memories to laugh and groan about. The best thing about MBCET is CROSSROADS! We as a fresh batch and very new to it, waited for this event. From the onset of preparations for CROSSROADS to it's staging, we loved it! We loved the freedom we got during those days and we loved the atmosphere at college in those days. One commendable change at MBCET nowadays is the renovation and the improvement of the Library. We also wish that the canteen could be more innovative in it's menu even though the cafeteria makes up for this with its brilliant goodies that it has to offer us. Even though our college is strict when it comes the academic schedule and molding us as individuals, we enjoy every moment of it. We have just begun our journey at MBCET. Within a span of one year, MBCET has given us a lot of opportunities to prove ourselves. We wish to make the best use of it and make MBCET proud someday! Hearty wishes to our dear college on this occasion!

Saira Maria Eapen

2012-2016 batch

From the moment I stepped on the campus, I knew this was a special place: the college's commitment to academic excellence, coupled with a vibrant campus culture, provided a unique environment for personal and professional growth. From my first year to my last, I was challenged to take on different roles and responsibilities that helped me grow as a person and a leader. Whether it was at Crossroads Fest, visiting industry, or working on projects with faculty, I was able to develop skills that will serve me well throughout my career. During my final year, I had the privilege of working with them on the first NBA accreditation, and that was an eye-opening experience. The staff's commitment to the college and the students was evident, and working with them helped build a relationship based on mutual respect and admiration. The friendships I made at MBCET are some of the most valuable I have, and I am grateful for the discipline and leadership skills the college instilled in me. As an alumni, I miss the campus. I encourage prospective students to consider MBCET and experience for themselves the unique opportunities it has to offer, because for me, life happened between freshman year and graduation.

Sijin Zachariah

2013-2017 batch

At MBCET, there is a place for each person to make their mark based on whatever interests they have. Events organised by the different student chapters like IEEE and ISTE give those who wanted to organise and to expand their knowledge a chance to prove themselves. Being part of the frequently talked-about Crossroads was surreal. People like me who had never put together an event before had the platform to coordinate an event end-to-end. The IEDC unit was set up and provided more opportunities to incubate creative engineering ideas. MBCET received a makeover during prepping for NBA and NAAC accreditations. Looking back, I find that my days at MBCET have helped shape me to the person I am today.

Amritha P V

2014-2018 batch

Our batch witnessed much change in MBCET during our years. From NAAC accreditation to the consecutive NBA accreditations and most recently with the academic autonomy, the years both past and present prove the immense potential that the institution nurtures and develops consistently. Though much have changed since 2018, just like the batch before us and certainly for the ones after us, the memories of, and the lessons imparted by MBCET form the basis of our personal and professional revitalisation. MBCET is known for its meticulous academic vigour and extra-curricular accomplishments that have no parallels among the rest of such colleges in the district. For, from the very beginning, we are instilled with the discipline that a professional course demands both in theory and practice of engineering that which is emphatically attested to by our employers and the establishments we have set up ourselves after leaving the college. Mar Baselios hence has become a brand of sorts, that ensures a standard and an undeniable

benchmark of efficiency and merit. We have been exposed to stresses both scholastic and co scholastic in nature which enables us to implement quick and effective decisions promptly. Mar Baselios did not just transform youth to individuals with an engineering degree, but charismatic personalities that shine in every aspect of professional lives, even beyond the horizons of the fields of their study.

Harikrishnan Jayan Menon

2015-2019 batch

I had the least expectation on how my college life would turn out to be when I joined here in 2015. It seemed God had a specific plan for me after all when I realized the truth later on the day I bid farewell in 2019, on the last day at MBCET. Extra classes, labs, after class meet-ups, chai-breaks, long walks from college-to-home, the silly fights, sneaky entry to girls hostel, unforgettable NSS days, love stories, bunking class, piling up pink forms for future use, motivating juniors, and spending quality time with teachers, and writing never ending assignments, tutorials and what not! Every little memory we had has a huge place in each of our hearts, because these can never be relived. I'm sure each of my batchmates have a unique story of their own to tell and that's what makes college life so special. It truly moulds us to become who we are now.

Sherin Alexander

2016-2020 batch

I still vividly recall the first day of my college experience - a strange place with numerous trees and buildings surrounding a central basketball court. The faces around me were all unfamiliar at the time, but four years at MBCET provided me with a lifetime of unforgettable experiences and friends. Like any other student, I had moments of discontent towards the college and its operations, but when I look back, every memory is a good one. One major factor that stood out during my time at college was the invaluable guidance and support provided by the teachers who sometimes scolded me but always helped me. We skipped classes, danced together during Crossroads, and stuck together during hard times. And who can forget Sudhakaran Chettan's cafeteria? The sight of the entire college during the morning break is a memory that still warms my heart. Lastly, I won't say much about "Crossroads," as that is something that you have to experience for yourself. But believe me, it is one of those great experiences that you don't want to miss. With that, I am handing over the baton to you. It is your turn to make memories that will last a lifetime at MBCET.

Ajay Sreekumar

2017-2021 batch

Two years have passed since our graduation, and it still feels like yesterday. Our batch has experienced everything, from state-wide disasters to a global pandemic. But what kept us going was our grit and never-give-up attitude, which we had all learned over our four years at MBCET. The best thing that happened to us was Crossroads and the industrial visit. We started appreciating it even more as we saw that the next few batches would not get that opportunity due to the pandemic. Our class was the first to attend classes, clear exams, turn in projects, be hired by companies, and be admitted for higher studies even without stepping outside of our homes. All we can say is that we never stop thinking about our time at MBCET, how life was so easy back then, and how it all changed with the "new normal" setting in. And most importantly, we miss MBCET, we miss our faculties, and we miss our old selves and the good old days.

Salma Asraff

2018-2022 batch

Four years in MBCET have been a rollercoaster of emotions. I became a part of MBCET family in 2018 and what I love to remember the most of that year was the induction programme where I met my friends. They still remain in my life and it was the best thing that has happened to me. In my four year journey, I met the most wonderful teachers I have ever seen who gave the most valuable guidance. Some may feel the strict atmosphere to be suffocating, but trust me the values and principles taught there will be a boost in our future endeavours. I wish I could go back to those campus days...

Jomin K Augustine

2019-2023 batch

Looking back at my four years as a B.Tech student at Mar Baselios College of Engineering and Technology, I am filled with a mix of emotions. It has been a journey filled with ups and downs, countless new experiences, and a fair share of stress. However, all these elements have seamlessly woven together to create a beautiful tapestry of memories and an invaluable college degree. From the moment I stepped foot on campus, I was greeted by a vibrant community of passionate individuals, both students and faculty, who constantly inspired and challenged me to reach new heights. The support system provided by the college has been exceptional. Alongside a rigorous academic curriculum, the college encourages students to participate in various extracurricular activities, clubs, and events. Through these opportunities, I was able to explore my interests, develop leadership skills, and forge lifelong friendships and get myself a group of wonderful women who have given me beautiful memories and immense support. From technical competitions to cultural festivals, the campus was always buzzing with excitement, for me atleast. Of course, the journey wasn't without its fair share of challenges. The demanding coursework and the pressure to perform at a high level often tested my limits. However, these experiences taught me resilience, time management, and the importance of perseverance. As I stand here today, on the brink of stepping into the real world, I am immensely grateful for my time at Mar Baselios College of Engineering and Technology. It has shaped me into a confident and capable individual, ready to take on the challenges that lie ahead. Thank you, Mar Baselios College.

Josipha Sebastian



New Beginnings, Even For The End

Dark. Dark.. and cold.

A long time ago, when the world was still young, a spirit awoke in deep darkness. Confused., Alone., He looked around. His eyes seemed to be of no use to him, but for a tiny slither of light that seemed to be calling out for him. Determined to find the source of the said light, he followed what little there was that he could see.

Hours turned to days, and days to weeks. The light had gotten brighter, and yet the end was nowhere in sight. Weeks grew into months, and eventually, he reached the surface of what seemed to be a crater. Greeting him there was a bright world, contrary to everything he had known.

The spirit felt confused. Scared... What was before him was far too different from all he knew. No more was there the cold hard floor which bore him before. The dark rocks he lovingly knew as home seemed to have been defeated by this weird... green... thing.? He wanted to flee., yet the light which had guided him till then was now overwhelming him. The next thing he knew, he was crouched, defenceless, by some rocks which gave him some sense of home. Security.

The strong light which forced him there.. Was it chasing him? He was so scared no other possibility came to mind as he saw the shadows retreat further and further within.

How many hours passed, it was unclear., but he could hardly move.. Why he was so scared, he knew not. However, it did overwhelm him. That much was certain.

Like so he stayed, and for so long., until he heard a sound, a voice, which seemed to be calling out to him.

The voice was sweet. It felt kind. He could hardly understand but he sensed there was worry expressed. Oh, how sweet! He turned towards the voice. Oh so bright! The light from earlier was so much weaker than this smiling face before him. Yet, he was drawn to it further still.

This voice. It was this voice and this kind, concerned look that helped the spirit up. The look on that face; on her face, brightened even further to have seen him up. She handed to him, or rather thrust into his hands, a piece of fruit from the basket she had on her. Giving him what sounded like words of encouragement, she trotted away happy as ever.

The spirit was confused, yet again. This confusion, however, had a certain sweetness to it. He would not mind being confused like this again. No, he would rather prefer it.

Yet again, days passed. The spirit would leave the crater every so often, hoping to meet his new.. Companion. In the many meetings they had had, he learned quite a few things. For example, the word

the lady used to refer to herself was 'Lily'. The fruit he was given was 'apple'. She really did seem to love these.. 'apples'.

"Oh excuse me." The spirit realized he had been staring for quite a bit. She smiled, blushing.. He had picked up on the language, little by little, and was glad to have made his journey up here.

They never stopped visiting each other. Nearly every day, they would meet, often going on walks. Lily would bring him the dishes she made, while he brought him the rare and beautiful he saw during his explorations. Flowers, tasty fruits, little gems. If he felt she would like it, he would bring it. Like this, they enjoyed their time together.

Years passed, and they stood the test of time. The spirit was considering living with Lily, and Lily was not the slightest bit against it. Every day they met. Each day felt more wonderful than the last. Until one day... Lily did not show up on time. She never did show up that day. Or the next. By the third day, the spirit grew restless. Had something happened to Lily? He could hardly bear to think of the possibility...

"De..ar-" a sound weaker than a whisper caught his attention. He turned around, full of hope.

Yet that hope was shattered, utter despair gushing in. The shining black hair.. The blue eyes.. The once bright, kind face.. they were all certainly there, but... what had happened? Her body was destroyed. Her eyes bespoke suffering. She could no longer stand. She was crawling. Tears filled his eyes, as he rushed to her. He tried to hug her yet it seemed to only give her greater and greater pain. He could hardly hold it in. He cried. He cried for hours, for the girl who could not. Her eyes were dry. There was no more place for tears. There was no more point. As though no feelings would ever be permitted to her again. He was distraught.

As he calmed down, he felt how pained she was. Tears welled up within him yet again.

This time, however, he felt more than tears. He felt within him another energy as well. "Let me free, your soul." He muttered. He knew not what he was doing., and yet he somehow did.. Wiping his tears, he placed his hand on her forehead. He did not know why he could do this, or how, but he knew he could. With what he had felt flowing within him, he drew out her soul.. separating it from her body.

"It... it doesn't hurt anymore!" These words of apparent from the white human-like mist that was her soul caused him to well up even more. He laid her now motionless body down, on a patch of lilies that were blooming close by. He then, along with her soul, began walking. He knew not why, but he certainly knew where.

Dark. Dark.. and cold. The faint light which had once shone upon his face now lit his back.

Even in the dark, he could see Lily. Or at least. He was able to.



"DEAR!"

"Don't worry dear... I feel like I'm pulled to the other side, for a new beginning.."

As the spirit watched, her misty figure slowly started fading, getting sucked away, into the center of the crater.

"Dear... help others like me. Only you can.."

"No, no..!! Dear.. why, why must you leave me like this. WHYY?!" The spirit could hardly control his tears. The pain he felt then, it was akin to being stabbed a hundred times.

"This is not goodbye, I'm certain." The soul had almost faded, yet she held him close. "I will see you again, dear!"

"Promise me...!"

"I promise. To remember it, and me, let me name you."

He looked at her. With affection. With sorrow. With love. "Please." He took a deep breath.

"...Death"

"I am... Death." He stood up. As the last bits of her soul started fading away, he took a deep breath, and smiled at the small wisp that was left of her. "I, Death, wish you the most wonderful future ahead."

Samuel John
S4 CS2



OUR COUNTRY IN 10 YEARS

India is a rapidly growing economy that has made significant progress in recent years in areas such as technology, infrastructure, and education. However, the country still faces significant challenges, including poverty, inequality, and corruption, that must be addressed in order for it to continue its path towards a brighter future. In the next decade, India is likely to face both opportunities and challenges that will shape its future as a country.

One of the key opportunities for India in the next 10 years will be its rapidly growing economy. The country's rapidly expanding middle class, along with its large and youthful population, presents a significant market for businesses, both domestic and international. India is also likely to see increased foreign investment and trade as the country continues to become more economically integrated with the rest of the world. Additionally, India's technology sector is poised for rapid growth, with the country becoming a leader in areas such as artificial intelligence and robotics.

However, the country will also face several challenges that must be addressed in order for it to fully realize its potential. Poverty and inequality remain major problems in India, and addressing these issues will require significant investments in education, healthcare, and other social services. Additionally, corruption remains a persistent challenge in India, and addressing this issue will require significant reforms in government and business practices.

Another challenge for India in the next 10 years will be the effects of climate change. The country is already facing the impacts of rising temperatures, declining water and food security, and more frequent and intense natural disasters. It will be essential for India to take bold action to address these challenges, such as investing in renewable energy and promoting sustainable agricultural practices.

Finally, India's growing international profile and rising military power will likely shape its relationships with other countries in the region and around the world. In the next decade, India will need to navigate a rapidly changing global landscape and find ways to cooperate with other nations to address global challenges such as climate change, terrorism, and economic inequality.

In conclusion, the future of India in the next 10 years is likely to be shaped by a complex interplay of opportunities and challenges. It will be important for the country to continue making progress in areas such as economic growth, technological advancement, and infrastructure development, while also addressing persistent social and political issues. By working together, India has the potential to build a brighter future for its citizens and become a leading player on the world stage.

Jason E
S4 EC2



TRANSFORMATION

Stepping into S8, the last 3-4 months in Baselios, it's time to rewind and pick out the memories of my 4 long years which was also over-taken by COVID-19. I stepped into this college with lots of fear and also dreams. Coming from Saudi, all the people that I meet here, their culture, their thoughts everything was new to me and being away from my parents, put in a whole new world life, was very difficult for me. Always tried to just hold on with a small smile so that nobody sees tears. There were moments when I felt alone though I was surrounded by my classmates. But now when I look at myself, I can't find that 19-year-old worried and confused girl anymore. I'm confident, I'm Independent, it doesn't even matter whatever happens around. I'm able to smile from the bottom of my hearts and I'm ready to spread my joy to everyone I meet. What in this long run helped me to change like this...

All that we need as we grow up is some love, care and attention. I was missing that very badly as my family wasn't here. Tears did roll down when I see my friends return back to hostel after the weekend, when their parents dropped and hugged them.

Though the initial stages were filled tear droplets, I will now say that I'm the happiest. I have the best memories in Baselios than all my classmates, and that's only because of my family MBCET Jesus Youth. Many just run away when they hear about Jesus Youth, people assume that it's a bunch of boring youth who gather to pray and just stay away from all fun. But you're wrong. This is a family that welcomes all.

Being the eldest in my home, I've always wished to be cared by an elder brother or sister. By being a part of this family, I got such loving brothers and sisters who cared and still cares me as their little one. We've been together for a lot of trips, jokes, movies and nights. As I flip through the pictures we've taken during the journey, I can't believe how amazingly God has transformed me the lonely and confused girl. As my seniors left and juniors stepped in, I was more excited to find myself in the little ones, to be with them and just make way for them so that they too can experience the Joy that I had.

One might wonder, why do we call ourselves Jesus Youth with all these trips and Jokes. Yes, Jesus Youth is bunch of Youth who enjoy with Christ. Old-fashioned prayers are not what we do, among all our happiness we praise God together. We enjoy with Christ. We walk through the ups and downs, happiness and sadness, Trips and loneliness, Exam stresses etc with Christ. We find God in our slightest attempts and he makes it beautiful.

It was my lifetime dream to write small articles, speak and sing on stage, to stand up in life, to stand up for someone. All these seems simple but were difficult for me to achieve because of who I was. But all my dreams came true through Jesus Youth. If not here, I would have got a chance to do this on another occasion, but the Joy and satisfaction I get when I use my talents for my creator is much more.

The Joy of the family and the true taste of Christ's love must be experienced, don't just look and judge from the outside and loose your opportunity to have the best days of your life. Instead taste and live It.

Kripa Elizabeth George
S8 CE1

ONAM



Parodos 2022



Convocation of First Autonomous MTECH Batch





Fog Of The Unnatural

It was a dense forest, the sound of chirping birds and rustling leaves filling the air. Suddenly, the peaceful scene is interrupted by a loud rumble, and the ground begins to shake violently. Trees sway and crack, and animals scatter in every direction. Suddenly, a bright light illuminates the sky, and a massive object crashes to the ground, sending shockwaves through the forest. A young couple emerges, camping in a nearby clearing, as they look on in horror at the strange and seemingly unnatural event that has just taken place. An eerie fog started from the object and engulfed them.

At first they stood motionless. Then something strange happened. They started walking into the fog. They walked deeper and deeper into the mist, until they came upon an old, abandoned house. Curiosity getting the better of them, they decided to enter the house. As soon as they stepped inside, they were met with an overwhelming feeling of dread. The air was thick with an unnatural chill, and the only sound was the creak of the floorboards beneath their feet. They made their way through the house, each room more unsettling than the last.

Suddenly, they came upon a room unlike any other. The walls were adorned with strange symbols and the air was thick with the stench of rot. In the center of the room, there was an altar and on it, a strange black book.

The girlfriend reached out to touch the book, but as soon as her fingers brushed the cover, the room began to shake. The symbols on the wall began to glow and a deafening screech filled the air. The friends panicked and ran out of the house, never looking back.

When they returned to town, they told their story, but no one believed them. They all thought it was just a trick of the fog. But the couple knew the truth, they had stumbled upon something truly unnatural and they knew they could never go back to the fog again.

Years passed and the legend of the strange object in the fog grew. Many went in search of it but no one ever returned, only the legend of the strange symbols and the black book remained as a reminder of what lies in the fog.

The forest and nearby town was never the same, the fog never lifted and the darkness never lifted, the town was abandoned and it's still known as the town of the Fog of the Unnatural.



Bobin Saji George,
Assistant Professor,
Department of Mechanical
Engineering



Navigating Guidance and Freedom in the Journey of Life

Sam Peter S4 CS1

As a college student, I have experienced my fair share from elder's guidance. While they may have good intentions and want to guide us and to help us avoid making the same mistakes they did, sometimes those rules can feel limiting and frustrating. It is natural to rebel against rules and restrictions when they feel like they are being imposed upon us without our consent or understanding, especially not withstanding individual needs and circumstances of a person.

I do understand that rules and regulations are created to help and protect people and society, but it's important to balance guidance with freedom. Both are important for personal growth and development.

Every person is unique with their own strengths and weaknesses. Younger generations should be given the freedom to make mistakes and learn from them, as it helps them build important skills like resilience, adaptability, and problem-solving.

Finding the right balance between guidance and freedom requires open communication, adaptability, and a willingness to work together. It might require some trial and error, and we may need to make adjustments along the way, but with patience, understanding, and mutual support, I'm confident we can find a balance that works for everyone. Setting clear rules and expectations that work for

each person is crucial. This not only helps create a structure and support system, but it also allows for changes when necessary. Communication is vital, and it is important for both parties to be able to express their thoughts and opinions.

In addition, I think it's essential to be honest and share personal experiences and advice with younger people. By doing so, we can help them learn and grow while also making them feel supported. Similarly, it's important for us to listen to them and understand their perspective.

I believe that it's important to acknowledge that our older generation, just like any other generation, is not perfect and have made mistakes throughout their lives. They are human beings who have gone through their own unique experiences and are still trying to navigate this world, even as they have grown older. A quote that has stayed with me - "Adults are grown up kids navigating life."

While I was in school, my method of studying involved paying attention in class while I spent hours on social media or hanging out after classes. While I was able to make up for it during exams, it set a wrong precedent to my younger brother who thought that it was this easy, and started to imprint on me. I panicked, thinking about the wrong role model I was and set up restrictions on his screen time and his time outdoors.



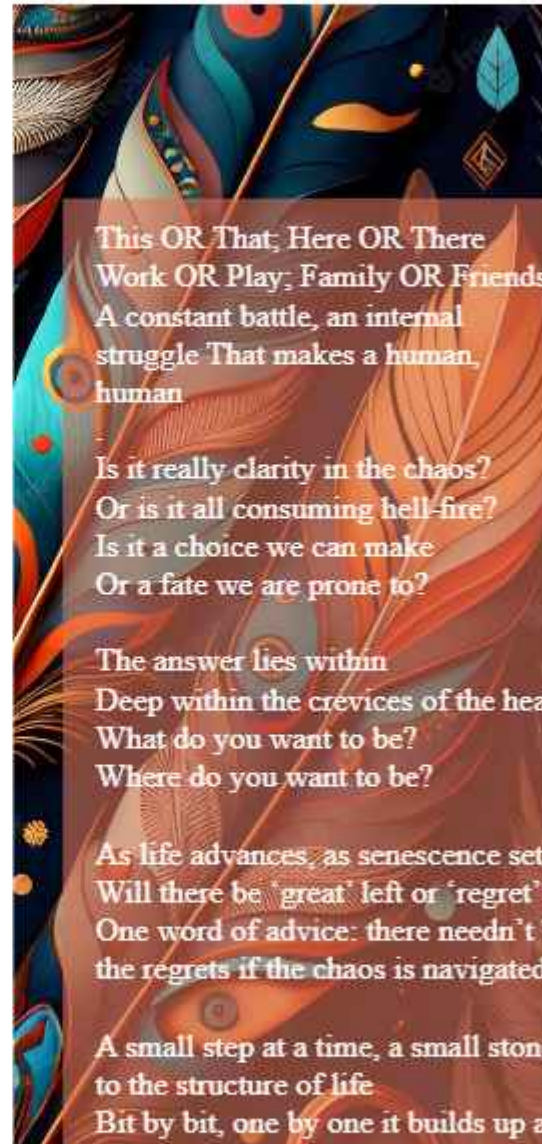
He naturally rebelled. I thought that I was doing the right thing for him, until I put myself in his shoes

I've come to realize that life is a journey full of ups and downs, and making mistakes is just a natural part of the process. It took me a while to come to terms with this, and even as an older sibling, I struggled to acknowledge this fact.

I believe that it's unfair to demean them for the mistakes they have made, as we are all constantly learning and evolving. It's important to approach them with empathy and understanding, and to recognize that we all have the capacity to make mistakes, regardless of our age or experience. I know how overwhelming it can be to feel like you have to be perfect all the time, especially in a world where social media makes it seem like everyone else has it all figured out. But the truth is, nobody is perfect, and that is okay. By embracing our imperfections and learning from our mistakes, we can grow and develop as individuals. As the older generation, you can help promote this growth mindset by encouraging us to take risks and try new things, while also being there to support us when things do not go as planned.

The journey of life is a process of growth and development, and making mistakes is a natural part of that process. By finding a balance between following the guidance of your older generation and charting your own course, you can make the most of this opportunity and pave the way for a fulfilling and successful life.

METHOD TO MADNESS



This OR That, Here OR There
Work OR Play, Family OR Friends
A constant battle, an internal
struggle That makes a human,
human

Is it really clarity in the chaos?
Or is it all consuming hell-fire?
Is it a choice we can make
Or a fate we are prone to?

The answer lies within
Deep within the crevices of the heart
What do you want to be?
Where do you want to be?

As life advances, as senescence sets in
Will there be 'great' left or 'regret'?
One word of advice: there needn't be any of
the regrets if the chaos is navigated.

A small step at a time, a small stone added
to the structure of life
Bit by bit, one by one it builds up and up

Take it slow, a deep breath, an insane drive,
never-ending zeal The recipe to find the
method to madness.

Sophy Maria Joy
S4 EE

All Night

My pillow is wet with my tears
I cried all night, hugging my pillow
It never occurred to me ever in my life
I will be sobbing for a whole night
Those days were as if I had dreamed
Or more than what I had dreamed
I am well aware I won't get back those days
But I hope for those days to come again
So that I can fall to those eyes
Which speaks to me more
So that I can see those lips
Which will laugh at my silly jokes
But these are just a mere dream
Darkness never makes me afraid
But the hatred showed to me
Is that person being polite
Is that person hates me
Am I so ugly?
No more I have the answers
No more do I know the question itself
No more I want to know it
I only want a pillow
that can absorb my tears all night.

Ardra V.M.
S8 CE 2

REMINDER

Mind a vicious creature
my thoughts its creator
Science its Narrator
And I am just a partner.

Memories are a river
Whose depth gets deeper and deeper
Some cheerful some regretful
That stands in your life like a
Reminder

When there is flood it comes as fear
Bright sun as our laughter and
I am just a sailor
Passing through this river.

There is a nature in our
Heart's innermost chamber
I am the key
To all its reminder.



Nikitha. M. Pillai
S2 CS1

STRANGE MEETING

We met when we were both 19.
Though I knew her since she's incredibly well known,
I never thought I would ever meet her until I did, last year
when I finally got to know her.
I've heard of how beautiful and excellent she is
at everything.
And everybody who meets her, ends up becoming
Someone in life,
succeeds, gets knowledgeable,
makes good memories, and so on.
When I heard I could meet her, I was excited.
I never thought I would.
To meet someone you have only heard of, I wondered.
What could I possibly offer to someone who
doesn't really need me, someone who's got it all already.
It's been a year since we met and I'm still here.
She's taught me everything I need, and will still
teach me for the next 2 years.
She's taught me that everything in life would come and go but her,
for she would stay here.
Still respected and beautiful.
Still teaching about life and more,
the necessary and unnecessary.
I turned 20 and she did too, its coincidence,
yet it's wonderful because now I have an article,
for the magazine that is releasing on her 20th year.
We just turned 20,
this college and I will be the same age,
even after 50 years or so.
We just turned 20,
you teach me how to grow. We just turned 20,
and we've got many more years to fly.
We just turned 20,
MBCET and I.

Namita Nair
S4 CS1



AI Revolutionizes Writing

Artificial intelligence (AI) has made great strides in recent years, and one area where it is starting to make a significant impact is in writing. AI-powered language models, such as GPT-3, are able to generate human-like text that is often indistinguishable from text written by a human being. This has led to the speculation that AI could eventually replace human writers in the production of articles and other written content.

One of the main advantages of AI-generated text is its speed and efficiency. AI can write an article in a fraction of the time it would take for a human, and it can generate multiple versions of the same article to suit different audiences or platforms. This could be particularly useful for news organizations, which need to produce a large amount of content quickly to keep up with the fast-paced news cycle.

Another advantage of AI-generated text is its consistency. Because AI is not subject to the same emotional and cognitive biases as humans, its writing is often more objective and less prone to errors. This could be especially beneficial for technical or scientific writing, where accuracy and precision are crucial. Despite these advantages, there are also some concerns about the use of AI in writing. One of the main concerns is the potential for AI-generated text to be used for malicious purposes, such as spreading fake news or propaganda. Another concern is that the widespread use of AI in writing could lead to job loss for human writers, particularly in industries such as journalism and content creation. Despite these concerns, it is clear that AI has the potential to revolutionize the way we produce written content. As technology continues to improve and become more widely available, it is likely that we will see more and more AI-generated articles and other written content in the future. However, it's worth noting that AI writing is still in its early stages, and it is unlikely to completely replace human writers in the near future.

In conclusion, AI-generated writing is a rapidly advancing field that has the potential to change the way we produce and consume written content. While it offers some advantages over human-written text, it also raises some important ethical and economic questions that will need to be addressed as technology continues to evolve.

Aditya S
S4 EC2

ON THE ROAD

"Roads are made for the journey not destination"

Road trips are no doubt one of the best methods to feel relaxed and fresh, living the same day and following the same routine day by day is boring. So just hop on your bike or your car and see where the road will take you.

Most of the road trips are planned but it's seen as spontaneous road trips with friends are always fun.

Travelling via a road trip, you can explore many places and it also leads to a wonderful experience with good memories.

Checking on the climate condition of the places is really a mandatory thing in a road trip. Just Imagine of going on a road trip on a rainy day and seeing all your plans going vain there is nothing worse than that.

Make sure to pack all necessary things like mobile charger, powerbank, medicines, torch, a packet of energy drinks and some food and also earphones. There is no point of going on a trip without earphones. Then a camera to capture all the happiest moment you goanna have. These moments are going to make you feel nostalgic later.

Last and final thing in road trips, make sure that you follow all the rules and safety measures to be followed. Avoid driving your car or riding your bike at high speed to avoid accident. Its always slow and steady win the race, just ride with adequate speed and enjoy the beauty of nature sunsets and also the light breeze. Road trips are fun in both solo and with friends or close people. If everything goes smoothly it will be more fun. So, what are you waiting for? pack your bags, go on a road trip and refresh your mind.

Gowri Prasad.S
S2 CE2

MOU with Intel



MOU with UiTM



FIFA CLUB MEET



Christmas Feliz Navidad



Staff Christmas Celebration





IT TAKES A PLANET TO
EXPLORE THE UNIVERSE

SOURCE BEHIND DYNAMISM

By **Karthik K S**
S6 EE1

Obscure changes into effulgence with hours
till it reaches the earth's facet with all its inherent
powers which have to be distributed over the azure.

Atomizer present in foliole starts their ride into their
spaceship for landing their supreme land were all
of their family is bounded together in which all of
their potential zing is collected for aqua cycle.

The burning path they travel which shares its
dynamic propulsion onto different blanket layers of
mother earth to make their voyage misery to
merry until they meet their supernova at halfend.

While generating buoyancy inside it, working brains
will be in the land of nod except the piscator in salt
chuck to snatch living gills for feeding working
brains.

ChatGPT

The Tech of our generation is here

Bobin Saji George, Assistant Professor, Dept of Mechanical Engineering

The technological landscape is now experiencing some amazing advancements. All eyes are on ChatGPT by OpenAI because it produces text that reads remarkably human. The cutting-edge language model ChatGPT was wcreated by OpenAI. Its foundation is the transformer neural network known as the GPT (Generative Pre-training Transformer), which has been trained on a sizable corpus of text data. The model has been optimized for several natural language processing applications, including question answering, text summarization, and language translation.

What is OpenAI?



Established in December 2015 by Sam Altman, Greg Brockman, Ilya Sutskever, Wojciech Zaremba, and Elon Musk, OpenAI is a private artificial intelligence research group. The entire purpose of founding OpenAI was to responsibly build and advance friendly AI. The company's founders believed that AI has the ability to assist in resolving some of the most critical issues facing the globe. It began as a research-based organization for artificial intelligence. However, it later produced the GPT-2 language model, which can produce writing that resembles human speech, and OpenAI Gym, a toolset for creating and contrasting reinforcement learning algorithms. In addition to its work in research and development, OpenAI also works on public policy, outreach and education initiatives, and the creation of AI applications. Additionally, the business has a variety of alliances with other AI-related businesses like Microsoft, Google, and IBM.

Why is ChatGPT important?

The capacity of ChatGPT to produce very coherent and dynamic language is one of its great benefits. The model may attend to different parts of the input text and take into consideration the context in which a word is employed by using a transformer architecture, which achieves this goal. As a result, the content is more appropriately written for its context and

is less likely to include grammatical mistakes or contradictions.

The capability of ChatGPT to produce a variety of text formats, such as news articles, fiction, and even poetry, is another benefit. This is made feasible by the model's ability to learn patterns and structures in a variety of text formats because to the vast quantity of data that was used to train it. The topic of conversational AI is one of ChatGPT's most intriguing applications. It is feasible to have conversations with a computer that resemble those of a human being by using the model to generate responses in a dialogue system. This has the power to transform applications like personal assistants, customer service, and others that value natural language interaction.

Who will find ChatGPT useful?

Developers and data scientists may find ChatGPT helpful for a range of projects, including language comprehension, conversational AI, and natural language production. It can be applied to tasks like text summarization, language translation, and chatbots. **Business**- Companies in a wide range of industries can utilize language models to create content, analyze consumer feedback, and improve customer service. **Researchers** - It can be used for natural language processing research and development. ChatGPT may be helpful to anyone dealing with text data or creating systems that employ natural language. **Customers** - Customers can communicate with chatbots using language models to get information, carry out various tasks, and converse with chatbots. The specific applications and benefits of ChatGPT will depend on the needs and goals of the user

How can ChatGPT be misused?



- **Spreading false information:** ChatGPT can be used to create information that is untrue or deceptive and then share it on social media or other platforms.
- **Impersonation:** ChatGPT can be used to impersonate people or organizations, for instance by creating phoney emails and social media posts.
- **Harassment:** ChatGPT can be used to create threatening or abusive messages that can be sent to specific people or groups.
- **Bias:** When language models are employed for tasks like sentiment analysis or language translation, biases present in the data they are trained on can be perpetuated and amplified. This can provide unfair or erroneous findings. It is important to use these models responsibly and ethically.
- **Automated content creation:** ChatGPT may produce a lot of material, such as news stories or social media posts, that can be used to sway public opinion or rig search engine rankings.

Reported uses in unconventional ways

Passing Business School Exams

ChatGPT recently passed Masters in Business Administration (MBA) exam with B to B- grade, assessed by Professor Christian Terwiesch at the Wharton School of the University of Pennsylvania, one of the top Business Institutions in the world

Passing Law school exams

Jonathan Choi, a Professor at Minnesota University Law School, gave ChatGPT the same test faced by students, consisting of 95 multiple-choice questions and 12 essay questions. In a white paper

titled "ChatGPT goes to law school" published on Monday, he and his co-authors reported that the bot scored a C+ overall.



As co-author in research papers

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In conclusion, OpenAI's ChatGPT is a potent language model that can produce writing that is similar to what a human would write and respond to context. It is a flexible tool for a variety of natural language processing applications, notably in the area of conversational AI, due to its capacity to be tailored for individual tasks. Users should be aware of these hazards and take precautions to reduce them. This may involve safety measures including guaranteeing the privacy and security of sensitive data and confirming the accuracy of generated material. In order to be aware of the moral and societal repercussions of employing language models, it is also crucial to consider the possible outcomes.

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How I became a Minimalist

Sophy Maria Joy
S4 EE

How many clothes do you own? Or in college terms: how many pens do you own? These are probably the least heard-of questions out there. One would think: what difference does it make? Does it really even matter?

The class 10 me would also ask the second set of questions if something like the first set was asked. Owning a ton of clothes or in my particular case, heaps of stationery, was NORMAL. Until it wasn't.

A chance encounter upon a YouTube video by Matt D'Avella, a filmmaker, which should have gone by in the myriad of various topics that I browse through, somehow, struck me. Is owning all this stuff really making you happy? this was the question Matt placed in front of me. To my surprise, my immediate answer was NO, IT DOES NOT. Rather it was draining me, mentally, physically and emotionally. At that point in my life, I was searching for new storage, more space, more stuff to buy, all to fill in a void in my heart with something or the other (honestly, I still have not filled it).

This unhappiness which stemmed from all the clutter in my space and my mind, because I could not even find a good pen to write with from the heap that I had, was fuel enough for me to research about the concept Matt introduced to me:

Minimalism.

The principles of less is more, quality over quantity and what not all somehow appealed to me and started me off on a journey of a lifetime (pun intended). I purged and purged and purged, found a pen or two to actually write with, found about 85 percent of my things useless and donated or recycled or did whatever is possible to free myself. And free I did.

4 years later, as I look at myself now, I am proud and above all happy: to have come a long way in almost every aspect. I now own only the stationery I use on a daily basis, few clothes that I absolutely love to wear, and everything reduced to what I need as opposed to what I wanted.

This is the simple principle of minimalism: you keep what gives you value and toss the rest. You invite new things into your life based on necessity rather than greed or simply because it's cute or nice. The side effects of this lifestyle include extreme mental clarity and increased happiness. Try at your own risk.

(Simply search minimalism lifestyle in YouTube for more info if interested)

The Comforter



There's a rumour going around in the village. Apparently, the Comforter struck again. It doesn't concern me anyway. I have no reason to die. I run to my favourite spot as soon as I can. It's a clearing in the forest behind our village. The whole place is covered in oranges, yellows and red right now in the fall. It's the closest thing to magic that I know of. I gather a pile of leaves to jump in and make myself comfortable once I've had my fun. The grass here is all dry-ish. I wonder how it would look bright green. Do these trees even bear fruit anymore? I give up on thinking and drift off to sleep.

"Excuse me", a sweet voice says. I jolted awake thinking I was in trouble but the tone of the voice told me otherwise. "Whatever it is, I didn't do it!", I say defensively. The owner of the voice looks confused now. There's a woman in front of me. She's dressed way too well for our small village. I can't picture her with a pitchfork or milking cows. Her clothes are well made although they're covered with grass stains. She looks... In a word, I'd say she's elegant. She looks familiar but at the same time she doesn't. I quickly realize I've been staring and look behind her. The path she came from leads deeper into the forest. I let out a sigh of relief. She didn't come running from the houses. "I'm sorry I started you!", she starts. "I was hoping to get some directions", she

says with a warm smile. "Ask away!", I say, returning to my state of rest on the ground, glad I'm not in trouble. Her smile widens. I see a glint of something in it. Seeing it on her face makes me a tad uneasy but she doesn't leave me with time to ponder.

Nothing grows here anymore. We're now at an empty patch which once had vegetables. It belonged to a potato farmer years ago. From the look of it now, maybe decades ago. I tried to warn her that there was nothing there but she wouldn't have it. She was quite agile moving through the trees and avoiding the various things that try to get caught on her clothes. I could have sworn she had been here before. As for me I almost had to run to keep up. I thought I was supposed to show her around. "This is a lovely patch!", she says with a grin from ear to ear. "It will do just fine!" "Whatever for?" "I ask aloud. She doesn't give me a reply and begins fussing with her bag and mutters excitedly around the patch. This looks like it will take a while.

Two hours. She was at it for two hours. Although it may not look like it, I help out with the farming every once in a while, but I never once had to talk to the dirt. And the way she scattered the seeds.... Nothing is going to come out of it like this! She shushed me when I tried to help and focused on her work. But she seemed very grateful for the

directions. She even promised to help me out someday if I ever need her. The sun was about to set so I ran back home wondering what I'd tell my parents.

It was another cool Autumn afternoon. I was walking to my spot. "Child!" shouted a familiar voice. It was the strange woman again. She hadn't lost one bit of her mysterious aura. I racked my brain to come up with an excuse to not go with her today. She walks in long strides towards me and hands me a sack. "What is this?" I ask. "Some potatoes", she replies with her usual smile. "Be sure to remove the green parts!", she warns me. I stared at the sack in my hands. When I looked up, the woman was already gone. I can't explain why but the first thing I did was run. I ran to the empty patch. At least, the one that was empty yesterday. Today it was full of potato plants. Not sprouts. Fully grown ones. Big enough to pick potatoes. I ran to the nearest plant and dug it to see. There were potatoes but something seemed off. The skin was tinged... green. "magic" I whisper to myself. I look up only to find myself staring directly into the woman's eyes. How she got here without making a sound I have no idea. How long was she watching me?

I can't think of a response. "If you wanted more, you could have just asked.", she tells me not unkindly. I find my words again. My excitement takes over me. "You can use MAGIC! Finally! We've got a mage at our village!" I almost run to tell everyone about it. And then I see the woman's face. She has a grave expression. "Well you see child..." she starts and makes a step toward me. I unconsciously take a step back. "I'm trying to keep my presence hidden from most people", she is smiling now and taking one step after the other, closer and closer to me. I don't have the courage to turn back and run. Comically, I take two steps back for every one she takes, unable to do anything else. I gulp as I realize I'm done for. There's a tree behind me. One that I'm a 1000% sure wasn't there before. There's nowhere to run. Suddenly the woman is right in front of me. I wince and turn my head, not wanting to face her head on. She takes my hand...

And hands me the potato I dropped. It's not green anymore. "You should be careful! You never know what poisonous plants could be out there" she warns me with a smile. That's it! "Miss...", I start. I must

be out of my mind to actually be asking this. "Are you the

Comforter?" She looks confused and I breathe out a sigh of relief. She's just a mage who's on the run. She not some mur- "Is that what they call me now?", she asks as my blood runs cold. "What a splendid name!"

It's been a few days since then. I think I'm actually starting to trust her now. I see her around all the time now. She seemed to realize I was wary of her but didn't say anything about it. She's probably keeping an eye on me. She never went off to 'comfort' anyone, at least not when I was with her. "If you're so bored all the time, why don't you become my apprentice?" She asks me suddenly as she looks above me from my place of rest. "Your apprentice?", I ask lazily wondering what that would entitle. Maybe she would make me hold people still while she did the job. What am I even thinking? I'm starting to actually consider working for this inhuman entity. She leans in closer with that evil grin of hers. "I'll pay you".

Now that got my attention. I try not to show my growing interest. "You will?" I say nonchalant. "Why not? You're skipping all your classes anyway and I need the help." There's probably no turning back from this. "Alright." I say finally. Months later and the Comforter has me by her side for most of the day now. For some reason, my family never notices or isn't worried about my frequent absence. I go to her stone house in the middle of the forest every day. I help mix powders, dry plants and rewrite her aged and tattered books.



She's definitely not human now although she says she once was. She can use magic but only for specific things. She can also teleport. She just starts walking and she somehow reaches some other place entirely. I've tried to get her to teach me too but she just smiles in response. Not that I'm entirely powerless. Just by being around her I picked up on growth magic for plants. I don't think I can be as nice as she is though. Other people like just being with her. They talk to her as though they're speaking to a loved one. I can't picture her killing anyone. She asked me once who she looked like to me. I was too embarrassed to tell her so I asked her another question. "What do you really look like?" She doesn't give a proper answer. I don't think she remembers.

The Comforter is very quiet today. She was talking to me like usual when she suddenly sprung up, grabbed her bag and sprinted out. "Where are we going?" I ask running after her. "I have work to do", she answers. I can't read her face. Her having work could only mean one thing. I follow her anyway. We eventually reached outside a house. She spins around, her face grave. "You don't have to follow me inside child" I gulp. And tell her I want to. Her grin is back, but I see something in it, hesitance maybe? I can't say, because it's gone the next second as she pushes open the door. There's an old man in a cot in one of the rooms far back. I would have never guessed if she hadn't led me there. He wasn't making a sound. But he was alive. He seemed very glad to see us. He looked terribly sick but made an attempt to get up to greet us. The Comforter and him exchanged words. I couldn't understand them but I'd like to think she was asking him if he was sure. This went on. They looked like family. I wonder how he saw her. The old man suddenly stopped. He looked determined, ready for something. A sinking feeling started growing in me. This can't be it right? It's too sudden-

The Comforter goes to him and gives him a glass. I don't have the words to stop this. The old man drinks with enthusiasm and lies back down sated. I fall to the floor as he falls asleep. It looks like he's asleep. Although I know he's not. I don't need to check his pulse, or see the colour seep out of his face, or see the Comforter close his glazed eyes to know it. I can feel it. The Comforter pulls me up and away from the room, the house and the town. All I could think about was the smile I saw on the dead old man's face as I was being pulled away. He wanted this.

I've been very quiet lately. The Comforter gives me space. Maybe I wasn't ready for this. What if I can't do this? She tries to cheer me up from time to time and I hate to admit- it's working. I'm distracted from my train of thought by the Comforter. "Looks like we have company", she informs me. I glance out of the windows. She's right. A man is walking towards our house. Which is odd because people don't usually see this place. "I let people who need me be able to find me", she explains with the fake smile of hers she normally plasters onto her face. Something isn't right...

He approaches at the doorway. "Are you the Comforter?" He asks gruffly. "I've been told I am", she says with her saccharin smile. I can read her better now. The man turns and notices me. He looks as though he wasn't expecting me. "You've got children here?!", he half yells. The Comforter just keeps smiling. I learnt later that her lack of response is probably what saved me. The man looks like he's hesitating. He quickly makes up his mind. What would I do if I could redo that moment? Push the Comforter out of the way? Maybe take her place? Mess up the man's aim? There are too many possibilities. Maybe I'll ask Time someday.





“THIS IS FOR MY BROTHER!” The man yells as he draws a pistol. It happened too fast. I fall to the ground even though I wasn’t the one hit. “Oh dear!” the Comforter giggles, as a crimson flower blossoms harshly against her clothes. She lies down beside me slowly. As if she were just about to sleep. In a way she was. I didn’t notice the man leave. I didn’t run after him. I could tell I was losing the Comforter. “Maybe I should have been a bit more careful”, she ponders aloud. This can’t be real right? She isn’t human! Maybe it wasn’t fatal? But one look at her tells me I’m wrong. My head starts throbbing and now I actually see life slip out of her through her wound. There’s too much blood. “Calm down”, she orders me. I try to listen. “Let’s have a little chat before I go, alright?”, her smile is back, only a bit more real. It’s always real when it’s for me

I start. “How long have you been alive for?”, I ask. “Two centuries, give or take a decade or two”, she says through a laugh. She guesses my next question. “I could have lived for

more, but I have to go when I’m not needed by people”, she says pointing to her wound. “Who do I remind you of?”, she asks me. I can see the curiosity on her face. “... My mother.” I mutter sheepishly. She laughs and tells me that’s what she looks like to most people my age. I turn my face away from hers... And notice her legs are gone. She’s... Disappearing... If this goes on there won’t be anything left of her. No proof she was ever here. “Don’t worry”, she says, still smiling. “You’ll probably last for eons given how cautious you are.” I start to tell her how I’m not as good as her, that I can’t do what she does. She shushes me and puts what’s left of her arms around me. A Comforter to the end. “Good luck”, she whispers into my ear. And then she’s gone. I’m alone in the empty stone house and there’s not a trace of blood here. She’s left behind her notes and mixtures, so I should be fine. I start to wonder if I should just run away, pretend none of this happened. I regret her death but could I really fill her shoes? The throbbing in my head intensifies. I hear crying and pleading. They need comforting. They need me. I can sense where they are. I pick up the Comforter’s bag and head out to answer the cries.

I’ve been doing this for years now. The only ones who see the old me is whoever remains of my family. Everyone else see who they want to. The head-splitting ache is bearable now. I learnt to smile through it. Not everyone needs comforting the way the old man long ago did. But it’s more satisfying to help people like him. My head stays clearer for longer when I do. I make my own notes now for the medicines. I grow my own plants and have my own clients. There’s one walking up to my stone house out in the woods now. He knows exactly where I am. I allow him to. “Excuse me miss, are you the Comforter?”, I put on my smile. The smile I’ve perfected and made my own. “Yes, I am.”

Merin Sarah Thomas
S4 EE

BROKEN IMAGES 2022-23

Ego sacrifices millions
In post-covid Ukraine
Causing fiendish bloodshed
To promote war-business,
While refugees frantically flee
To fall prey to
Human trafficking.
Brahmapuram, the fuming waste-hill
Stinks of callous indifference
Eliot's 'unreal city' wriggles in dioxin
Poisonous fumes suffocate
A city to slow death
While Neroes play on the fiddle...
Nature's mask falls down
Revealing deceptive double-standard.
When scorchers burn the earth
Night descends
On embers of desire
Soothing the fuming earth
With nectar drops
Quenching desires
Healing wounds
Of parasitic exploitation
Divine night crawls in
Liberating the soul
Absorbing residual instincts
Initiating pilgrimage
To the Ultimate...
But El Nino and La Nina return
In hurricanes; droughts
Cloud bursts, land-erosion
And melting polar-ice.
Fiery sun burns again
The earth into frenzy
Muted wailings for the Redeemer...!

Prof. Dr. George Zacharia
Dean (Student Affairs)

A Word

A word...
Just a small sound wave.
Travelling through air...
If not for an ear to listen
It would be nothing

A word...
Simple and harmless on its own.
But with power...
To ignite the world
To tear down an enemy
To raise a tower
To demolish a fortress.

A word...
May we use it...
To strengthen and nurture
To rise up and raise others
To heal and to cure
Every heart and every wound.

Dr. Lani Rachel Mathew
Assistant Professor, Department of
ECE

Annual Sports Meet



SYNERGY 2023



BMW Team Visit



CR Logo Launch



CR Flashmob





Christmas in Kerala

Aron Binu Mathew
S2 CS1

Christmas is the second biggest festival in Kerala after the national festival- Onam. It's something heavily celebrated and it is indeed one of the most fun and frolic times in Kerala.

Since time immemorial Kerala had strong cultural connections with various countries of the world as Kerala was an important hub for the exchange of culture and trading due to its ports. Christmas is celebrated in both a religious manner and a secular manner. Those who seek spiritual ways to celebrate Christmas participate in church-related activities and festivals as Christians commemorate the birth of Jesus Christ as Holy. Flash Mobs, Christmas Carols, and Crib making prevail the festivities. Some also celebrate Christmas doing charity.

Traditionally after the long Midnight mass, there is a rich and substantial feast. This is a significant feature of the event in homes containing a variety of Syrian Christian ethnic dishes. To start with theirs is the cake and grape wine, followed by the main course. Traditionally the Paal Appam (a type of flat bread found in Kerala) and Duck Mappas (Duck Stew) is a favourite items served for breakfast. The duck stew is prepared using a generous amount of thick coconut milk, black pepper, vinegar, shallots, and curry leaves.

But the actual spirit of Christmas is the social public celebration. The majority of the villages and cities have celebrations associated with Christmas. Most of the houses and public places are decorated and adorned with lights, lanterns, and needless to say Christmas trees, Christmas Stars and Christmas Cribs without which we cannot think of a Christmas.



The very first Christmas celebration in India was started by the Portuguese in Kochi in the 16th century. Even though Christianity reached the Indian subcontinent in the middle of the first century, the native St. Thomas Syrian Christians didn't celebrate this. Christmas celebrations usually start in the first week of December and go on till New year and the second week of January in Fort Kochi. It's a blend of Portuguese, Gujarati, Malayali, Kannada and Anglo-Indian culture. The Christmas greeting in the parade ground is the spotlight of the event. A huge tree in the middle of the ground is fully illuminated and the tradition continues. It is the biggest natural Christmas tree in India.

There's a procession of people with traditional chenda melam on Christmas eve. People hang any décor on the Christmas tree in the belief that their wishes may come true. Next is the burning of Papanhi. It is a giant statue of a creepy man. It is burned exactly at midnight which signifies the end of a year and the beginning of a new one. This also signifies the burning of all the negatives and miseries of the previous year and the beginning of a new note. This is followed by the fete with music and dance till morning. The origin of this custom is unknown.

After Cochin Carnival, the next largest social Christmas celebration in Kerala is the Thrissur Buon Natale. Thrissur is the cultural capital of Kerala. The main highlight of this festival is that thousands of youngster dress up as Santa Claus and transforms the place into a merry zone. In 2014 the procession entered the Guinness Book of World records for the most number of people dressed as Santa Claus. The whole city is illuminated for days and celebrations like DJ parties are conducted.



Nakshatra Thadakam or Malayattoor Carnival is a carnival held at Malayattoor during the Christmas season. The etymology "Nakshatra" means Stars and "Thadakam" means lake which literally means "Lake of Stars." The Manapattuchira lake is decorated with lights and huge stars at the middle of the lake. Another centre of attraction of the carnival is the 80-foot Santa Claus.

Suman Billa



Educated at the Madras Christian College, Jawaharlal Nehru University and the London School of Economics, Suman Billa belongs to the 1996 Batch of the Indian Administrative Service from the Kerala Cadre. He is currently posted as Principal Secretary, Industries & Non-Resident Keralite's Affairs in the Govt of Kerala. Prior to this he was on an assignment with the United Nations World Tourism Organization (UNWTO) as Director, Technical Cooperation and Silk Road Development. He has also served as the Joint Secretary in the Ministry of Tourism, Government of India. He had two prior stints in the tourism sector as Secretary and Director of Kerala Tourism. Among the other positions he has held are Commissioner, Commercial Taxes, Special Officer of the Kochi Metro Rail Project, Secretary, Food and Civil Supplies, District Collector, Palghat in the State of Kerala and Private Secretary to the Minister of State in the Ministry of Defence in the Government of India. He has recently co-edited a Book titled "Indian Tourism Diaspora Perspectives" published by Emerald Publishers, United Kingdom. He currently serves as a Director on the Board of Bharat Petroleum Corporation Ltd and is the Chairman of the Board of Directors of Malabar Cements and Kerala Minerals and Metals Ltd. He is also the President of the Trivandrum Golf Club.

Administrative Leadership Interview

by Dr. Nidhi M.B

Assoc. Professor, Mechanical Engineering

Q: Kindly share your insights and learnings that helped to overcome the challenges on the journey from Metro Rail to Joint secretary in Ministry of Tourism, GoI ?

A: I held the additional charge of Metro Rail while I was posted as Commissioner, Commercial Taxes. Both the jobs are very different while the Metro Rail Project was development oriented, the job at Commercial Taxes was regulatory. However, it was also the time when we were able to completely transition the tax administration to an online platform – the first in the country which paved the way for others to follow and subsequently for the introduction of the GST which is entirely administered over an electronic platform.

I was subsequently posted as Secretary, Kerala Tourism and then as the Joint Secretary in the Ministry of Tourism in the Government of India. To be able to do a good job in tourism it is important to have a wider perspective especially as to how taxation impacts the sector. Also, the experience of working on key infrastructure projects helped me launch and execute tourism infra projects to the tune of over Rs 6000 crores under the Swadesh Darshan scheme in Tourism.

Q: Your learnings on being a Gurukul Scholar (The London School of Economics and Political Science (LSE))

A: Being a Gurukul in 2004, early in my career gave me an invaluable insight in to the international context. IAS officers tend to be insular as they work within large systems within the National framework. It is also important to place one's work within an international context, and learn from the experience of others instead of having to reinvent the wheel by ourselves.

Q: Could you share the 'take aways' on core competencies as the Principal Secretary, Industries & NORKA, Govt of Kerala?

A: The competency of a Principal Secretary is in the domain of Policy Making. It is important to have a good grasp of the sector, stay abreast of the changing scenario and proactively respond to the challenges,

be aware of the good practices in other states/ countries and try to keep the State ahead of the curve.

Q: How would you prefer to describe yourself in a word/phrase ?

A: Result oriented

Q: It is remarkable to be Director, Technical Cooperation & Silk Road. How would you reflect on this?

A: The position of Director, Technical Cooperation in the United Nations World Tourism Organization is very critical as it is responsible for all the development activities that are undertaken by the organization in different countries with a project portfolio covering over 50 countries across all continents. It has given me an insight in the way tourism works in different countries ranging from an advanced tourism economy like Spain to a Least Developed Country like Benin and countries like Saudi Arabia which are moving rapidly to set themselves up as tourism power houses. There are several learnings there which are relevant to India as well as Kerala.

Q: How do you envision your initiatives in bringing up the Corporates/ Entreprises to India, especially making the one lakh enterprises ?

A: The new Industrial Policy is a trail blazer in many ways. It considers Kerala's weaknesses – high price of land, high cost of labor and a fragile environment and seeks to use its strength which is its high quality man power which continues to fuel the growth of several economies to carve out areas of excellence where Kerala can have a competitive advantage. The identified priority sectors like 3D Printing, AI, Food Tech, Medical Equipment, Renewable Energy etc. where Kerala can assume a leadership position. The problem of unemployment can be tackled through setting up MSMEs which are suited to Kerala. When we started the ambitious program to set up 1 Lakh MSMEs in one year there were several sceptics. We achieved the target in 8 months and it looks like we would have 1.5 lakh MSME by the end of the financial year.

Q: How would you comment on the concept of a flexible job / work near home initiative of GoK?

A: Job flexibility and work from/ near home etc are here to stay. Today with collaborative technologies, it is not necessary for all the employees to physically work together at that same place and at the same time. Work places would increasingly build in this flexibility and we should adapt it. This might give a

better Work-Life balance but employees also need to set clear demarcators between the time for work and home to avoid stress and lead a balanced life.

Q: Being a global citizen with the United Nations World Tourism Organisation and subsequently living Thiruvananthapuram is a rare phenomenon. Could you share some of your strategic plan for the dream transformation of Trivandrum in a global perspective ?

A: Thiruvananthapuram has several advantages like an excellent location, moderate weather, beautiful landscape and a long history of people oriented administrations. But it also has several challenges like high density of population and low resource base for the local bodies. The most important thing to transform Thiruvananthapuram is to have a strategic vision. We need to create a world class infrastructure that is sustainable to attract world class talent to make Thiruvananthapuram their home. Move away from the tax payer paradigm to a rate payer paradigm to create the much needed infrastructure. We need to have a clear vision for the next 15 years with a roadmap and purposefully implement it irrespective of political vagaries. The success of Kerala Tourism largely stems from the fact that the agenda for tourism development has largely remained intact irrespective of the political changes.

Q: Unlike in Foreign Universities, the challenges of Industry are hardly shared with academic Institutions here. The Industry-academia gap is larger. What would be your suggestions to address the same.

A: One of the important issues addressed in the Industrial Policy is the Industry – Academia collaboration. If we are to stay ahead in a rapidly changing world, we need to keep innovating continuously. Academic and Research institutions can use their intellectual capital to power the industry. We have some outstanding institutions of learning like the SCTIMST whose research and prototyping can kick start a vibrant medical device manufacturing ecosystem. Similarly, colleges can play a vital role in mentoring start-ups with students.

Q: Could you throw light on the sustainable/green initiatives at Industries Department for MSME ?

A: The New Industrial Policy is fully green. We have moved to sectors that are environment friendly and

have laid great emphasis on greening the industry including an incentive for meeting 25% of the cost incurred on green initiatives like STPs, Solar Power etc by the industry.

Q: What according to you are lacking in the young graduates who are trained in Kerala's Engineering Institutions?

A: The common feedback that I have heard from the industry is that while fresh graduates from Kerala are quite bright and sound in theoretical aspects they lack the practical skills. We need to give practical orientation in our syllabus and we also need to train them through internships etc. We have to update our syllabus regularly to prepare our youth to emerging opportunities like Block Chain technologies, AI, robotics etc. If we have a highly trained talent pool here, then industry would also find its way here, as it has to Ireland. We should also be open to teaching our students specific skill sets that a particular industry might require to hire our students as a value addition.

Q: Would you like to share the upcoming projects at the Industries Department?

A: Three important initiatives are on the anvil. First is "Made in Kerala" – a branding and marketing initiative designed to give quality assurance and greater traction on e-commerce platforms. Products manufactured in Kerala will be given the Made in Kerala tag if they conform to the laid down quality parameters and if they are ethically made, i.e., gender participation, no child labour, environmental sustainability et al. The second is a campaign to consolidate the businesses that have been started by handholding and supporting them when they run in to difficulties. The third is a campaign to encourage scaling up the existing businesses through a set of policy instruments.

Q: Your views on the Global opportunities for Keralities ?

A: The pattern of migration is shifting decisively now. Several of the Advanced countries in Europe, North America, Australia need critical infusion of man power due to population decline and an ageing population. This opens up a raft of opportunities for Keralites to take up work in these countries and opportunities are no longer limited to the the Middle East. We will see considerable amount of talent mobility from Kerala. The challenge is to see as to

how we can provide opportunities to retain the best talent in Kerala and to build networks to use the expertise of the NRKs for Kerala.

Q: You have been great in hand picking the right combination of skilling to match industry needs. What will be your advice to the young Professionals in building the skill set and tracking the Industry trends? How should they do it ?

A: Today, it is important to stay ahead of the curve. Your competence might be very high but if you are not conversant with the latest tools and technologies you could be left behind. Keep yourself abreast of cutting edge developments. Platforms like Coursera can give you a good insight in to the area. Try to match it with some practical experience and do not be afraid to move to advanced work places that can give you an opportunity to work on cutting edge technologies.

Q There is an increasing trend to opt for civil service among the engineering aspirants. What will be you message for Administrative aspirants for Engineering graduates ?

A: Civil Services form the core of our governance framework and can be a very exciting and socially relevant career option. Engineers bring with them a high degree of analytical skills and a mathematical approach to problem solving which is invaluable in administration. If you are so inclined, it is amongst the best career options.

Q. What will be your suggestions for young Technocrats who can be part of Industries Department through academia collaboration ?

A: We have hired over 1500 interns who are mostly young Engineering and MBA graduates at the cutting edge of the 1 lakh MSME program. We are also considering the possibility of having an intern program within the Department of Industries.

Q: How would you comment on the concept of a flexible job / work near home initiative of GoK?

A: Job flexibility and work from/ near home etc are here to stay. Today with collaborative technologies, it is not necessary for all the employees to physically work together at that same place and at the same time. Work places would increasingly build in this flexibility and we should adapt it. This might give a better Work-Life balance but employees also need to set clear demarcators between the time for work and home to avoid stress and lead a balanced life.



Intel Unnati Lab Inauguration

Catalyzing India's Future: Unleashing the Power of Technology and Skills for Young Indians

Mr. Rajeev Chandrasekhar, Minister of State for Skill Development and Entrepreneurship and Minister of State for Electronics and Information Technology inaugurated the state-of-the-art Intel Unnati Artificial Intelligence IoT laboratory at the esteemed Mar Baselios College of Engineering and Technology. This event not only marked the advent of cutting-edge technology in the academic realm but also provided a platform for Mr. Chandrasekhar to engage with the young minds that would shape the future of India.

Addressing the enthusiastic students as part of his 'New India for Young India' lecture series, the Minister emphasized the plethora of opportunities that the transformed India, under the visionary leadership of Prime Minister Narendra Modi, has to offer to its vibrant youth. He painted a vivid picture of a nation brimming with possibilities, where the dreams and aspirations of the younger generation can flourish.

Amidst his interaction with the students, Mr. Chandrasekhar laid significant emphasis on the importance of skilling in the contemporary world. He highlighted how this imperative has transcended traditional boundaries and become increasingly relevant across various sectors. Whether in the government or private sector, formal or informal industry, the Minister stressed the indispensability of continuous learning and skill enhancement. "You must not pause the learning process and upgrade your skills to keep yourselves relevant in the workforce," he urged the attentive audience.





The Minister fervently advocated that technology and skills are the twin pillars that will shape and revolutionize the future of India. With the rapid advancements in technology, it has become imperative for the nation to equip its workforce with the necessary knowledge and expertise. This holistic approach to education and training is essential for catapulting India into a new era of progress and innovation.

Acknowledging the transformative power of AI, the Indian government is committed to providing skilling, upskilling, and reskilling opportunities. These initiatives aim to equip software engineers and future professionals with essential AI skills. The inauguration of the Artificial Intelligence IoT laboratory served as a tangible manifestation of the government's commitment to nurturing a technologically empowered society. It provided a stimulating environment for students to explore the realms of artificial intelligence, Internet of Things, and other cutting-edge technologies. The laboratory was poised to become a hub of creativity, experimentation, and innovation, empowering the students to push the boundaries of their knowledge and contribute to the ever-evolving digital landscape.

He said, 'We find ourselves on the cusp of a structural shift from Web 2 to Web 3, a transformation brimming with potential and accompanied by numerous opportunities that promise to test our mettle. It is important to recognize that AI, in its current state, has the power to disrupt the world of technology more profoundly than the internet did in the past. Nonetheless, concerns about AI mimicking human behavior or human reasoning should not consume us in the immediate future. The development of such capabilities lies further down the road.'

Mr. Chandrasekhar's visit to the Mar Baselios College of Engineering and Technology was a testament to the government's recognition of the pivotal role played by young Indians in shaping the destiny of the nation. It was an opportunity for the Minister to connect with the aspiring minds, inspire them to embrace learning, and imbue them with a sense of purpose and determination.

As the Minister concluded his address, the room brimmed with excitement and renewed enthusiasm. The students, now aware of the tremendous opportunities that awaited them in the 'New India', eagerly embarked on their own journey of skill development and technological exploration. With the conviction instilled by Mr. Chandrasekhar's words, they were ready to be the torchbearers of change, driving India towards a future of progress, innovation, and transformation.

“It is not enough to have a degree, you must have some skills when you leave college!”

- Mr. Chandrasekhar's free advice to the students.



Editorial Team



A digital illustration of two astronauts in full space suits standing on a rocky, mountainous planet surface. The scene is set during a sunset or sunrise, with a large, glowing sun on the horizon. In the background, there are several smaller celestial bodies, including a red planet and a crescent moon, against a dark, starry sky. The overall color palette is dominated by warm oranges, yellows, and reds, creating a dramatic and futuristic atmosphere.

Prospects of Space Exploration

“That’s One small step for a man, one giant leap for a mankind”

Neil Armstrong’s 1969 lunar landing was one of humanity’s most significant accomplishments. Since then they have found an infinite supply of knowledge and resources awaiting us outside our atmosphere. However, critics are beginning to argue. A significant proportion of expenditure should be spent exploring space in many countries. It is argued that this expenditure should be spent on other essential things.

However, in my opinion, keeping other significant things in mind, the space program is very crucial and vital for the whole world and it should be funded. First, a reason to support is that these days businesses and organisations are being expanded geographically, they need a communication channel to run these businesses effectively. It has become possible after launching satellites in orbit. For instance, NASA has launched many satellites in orbit and is used to broadcast audio and video signals across the globe. Moreover, satellite television becomes possible and people can watch global events from anywhere.



You wouldn't be able to walk on Jupiter, Saturn, Uranus or Neptune because they have no solid surface!

Furthermore, as global warming has become a severe concern for the whole world, scientists have started to find an alternative planet to live. For instance, ISRO has been funded by the Indian government, and they have managed to launch their satellite. To resolve the problem of global warming space programs should be aided financially.

Thus, every country needs to give financial support to these programs. There is a need to get together the whole world to improve communication and fight against environmental problems so that the next generation can live in a better space.

Aron Binu Mathew
S2 CSI



MOU with SCTMIST



ACSlA Launch Ceremony



Nagaland College Visit





MOU with L&T



Sustainable Development Talk



Sustathon



The Importance of Mental Health in College Life

Jason.E
S4 EC2

College life is often depicted as a carefree and exciting time full of new experiences and opportunities. While this can certainly be the case for many students, it can also be a challenging and stressful period that can take a toll on one's mental health. Mental health is an essential aspect of overall health and well-being and should not be neglected.

College students face a range of stressors, from academic pressures to financial worries and relationship issues. These stressors can contribute to feelings of anxiety, depression, and other mental health concerns. In some cases, students may already be struggling with mental health issues before arriving at college, and the new and unfamiliar environment can exacerbate these problems.

It's important for students to understand that seeking help for mental health issues is not a sign of weakness. On the contrary, it takes strength and courage to acknowledge that one needs support and to take steps to get it. College campuses offer a variety of resources for students seeking help, including counselling services, mental health support groups, and self-care workshops.

In addition to seeking professional help, there are also practical steps students can take to maintain their mental health. These include practicing self-care, such as eating well, getting regular exercise, and getting enough sleep. It's also important to cultivate a support network of friends and family who can provide emotional support during tough times.

Another critical aspect of mental health is mindfulness and stress management. Mindfulness involves being fully present in the moment, paying attention to one's thoughts and feelings without judgment. This practice has been shown to reduce stress, improve well-being, and enhance overall mental health. Mindfulness can be cultivated through activities such as meditation, yoga, or deep breathing exercises.

In conclusion, mental health is an essential aspect of overall health and well-being and should not be neglected during college life. Students should seek professional help if they are struggling, practice self-care, cultivate a support network, and engage in mindfulness and stress management practices to maintain their mental health. Remember, taking care of your mental health is not a sign of weakness, but a sign of strength and resilience.



The Road to Startup Success

A checklist for Student Entrepreneurs

Arun J S, Nodal officer, Catalyst Mar Baselios IEDC
Co-ordinator, Mar Baselios Technology Business Incubator (TBI)
Assistant Professor, Department of Electronics and Communication Engineering
Founder, Slate N Pencil

Imagine being able to work anywhere you want. Imagine working with the best people from all over the world. Imagine building and growing a business that can change the world. These are just some of the possibilities available to you with the emergence of India's vibrant startup ecosystem.

India has an astonishing startup ecosystem, with a large number of startups founded in recent years. The Indian startup scene has seen significant growth, particularly in the technology sector, with a number of successful companies and unicorns emerging from the country.

The number of unicorn companies in India reached a milestone 100 mark with Open Financial Technologies from Kerala being the 100th unicorn. A unicorn company is any privately owned venture with a market capitalization of more than \$1 billion, which is at least Rs 7,500 crore turnover.

The total valuation of these unicorns is USD 330 billion, which is over Rs 25 lakh crore. The growth of these companies has been driven by a combination of factors, including the increasing penetration of the internet and mobile devices in the country, a large and growing consumer market, and supportive government policies.

In Kerala, the Kerala Startup Mission (KSUM) is playing a pivotal role in promoting the growth of startups by providing them with the resources and support they need to succeed. Some of the key activities of KSUM include Incubation, Acceleration, Networking, Funding and Mentorship.

The Innovation and Entrepreneurship Development Centres (IEDCs) took shape in 2014 when the Government of Kerala took a revolutionary step in investing the future generations by establishing dedicated knowledge centres or IEDCs on campuses

across the state. There are 425 centres across the state and they intended to act as a pivotal platform in grooming and shaping up the founders and leaders of the future. In IEDCs students can be made to work around problems/opportunities, they ideate, prototype, and test their possibilities of success. Through the process, they could taste what entrepreneurship is all about.

Every startup journey is unique in its existence, struggles, background, intention, etc. and that makes it absolutely hard to provide an equation for a successful startup. There are several frameworks that suggest how to kick off the idea to the startup journey. A startup that does the following things right will probably succeed.

1. **People:** Being surrounded by the right people.
2. **Purpose:** Making something that customers really need and are willing to pay.
3. **Progress:** Startup is all about Growth.
4. **Persistence:** Striving forward through challenges and rejections.

1. People: Surrounding themselves with their friends from the same class is one of the easiest ways students tend to start with. This might prove catastrophic as all of their thought processes, skills, contacts & networks, etc. might be similar. Yet, college days are the best to learn how to find a co-founder who can supplement and complement the other in terms of skill sets. Completion of an academic assignment, performing and solving a lab experiment, owning and evolving through the micro/mini and major project works, coordinating and executing a college event/fest together, etc. all these are avenues where the skills and attitudes of students are showcased. Being in touch with the right people and harnessing mutual abilities will indeed make the learning process faster.

2. Purpose: The first step to identifying whether you should launch a product is to determine what problems or opportunities you wish to work upon. If you find one legit then immediately try to validate the idea. Rather than running online surveys if you could personally meet and have loosely bounded conversations with your stakeholders, there is a better possibility of exploring their needs and latent needs. Through survey forms, we can explore only statistical data whereas face-to-face conversations



will help you understand the emotional attachment as well. Engineers are often excited about the functionality of the product they build and this excitement often tends to overshadow its business feasibility. Solving the problem technically should be preceded by understanding the core human motivations and behaviour around the problem/opportunity. Having a good understanding of your cost structure around the idea you're working with, what are the sources of revenue, or how money works, in general, is also a critical aspect while planning a startup.

3. Progress: The word "startup" usually means an organization, at its early stage, that has been set up for the purpose of testing a new business or technology concept, or one that plans to provide an innovative service or product. But beyond innovation and technology, the most significant factor in determining a company's success is its ability to grow. If your company pursues a growth strategy that is exponential relative to what traditional companies achieve, then you can call yourself a startup. Relentless opportunity seeking is the characteristic of a progressive mindset.

4. Persistence: Though often viewed as a weakness in startups, is actually one of their defining characteristics. Startups have to create a product or service, show it to people, have it tested, collect feedback and then get back to work, iterate, re-iterate and repeat. Innovation is a function of time and it occurs at different rates depending on the field and circumstances. Many student startups get disappointed and drop their idea when they get a rejection from the very first pitch. If you are expecting to be rejected, chances are that the rejection won't surprise you. When someone turns down your work, just move forward to the next someone with an unmistakable yet simplest explanation of the problem you have decided to solve, what are the fundamental units of truth around the problem, and who will buy if you solve this particular problem with your idea.

An illustration on the left side of the page shows two hands gripping a thick, yellow rope. The hands are rendered in a dark, muted purple color with some red cross-hatching to indicate texture or injury. The rope is coiled and extends upwards. The background is black.

At the End

The story of the eventual webcomic-

I open my eyes again, although I don't know why I bother anymore. After all, it's a black void as far as the eye can see... apart from the rope.

The rope dangles endlessly from an unreachable sky. I slip further and further every now and then. I gave up trying to climb it ages ago. It feels infinite. I've only got one hand gripping the rope now. The other holds my bag which feels heavier and heavier as time goes by. For all I know, it could be the reason I keep slipping. Both of my hands have rope burn now. I'm pretty sure they've bled at times. The ropes not new after all. If I squint, I can make out the fine hairs which prick me. I make a last-ditch effort to lift my bag up to my shoulders. The weight might be easier to handle that way.... It's futile, the weight of it pulls me more, threatening to make me slip further and further and further even though-

"What are you doing?", a voice calls out from the darkness around me. It sounds.... suspicious. The tone of voice irks me for some reason. It's too... carefree?

"What are you doing?", the voice asks again. I try squinting. Of course, there's no person in sight. My curiosity gets the better of me.

"Tell me who you are first. "I ordered the voice assertively, hoping that I hid the fear and anxiety creeping into my head.

"... You", came the curt response. I throw my head back and laugh. I can't remember the last time I laughed like this. "So, I've finally started talking to myself?" I guess it was only a matter of time. But still-

“What are you doing?”, asked the voice yet again. This is too much for me. “Alright, alright, I hear you”, I answer exasperated. I try to think of an answer.

“Actually... I...”

“I don’t think I know anymore”, I hear myself say finally.

“I think I’m at the end of my rope. It’s like, the rope’s all the work and things I have to do, and my bag right here carries all the things I want to do.” I look fondly at my bag. I wonder if the disembodied voice can see it too. There’s no response from it and I forgot all about it soon. And then I start to slip again. Not by too much thankfully.

“You should let go”, the voice says. It must have been observing me but I was too distracted to notice that.

“WHAT?!” I cry incredulous. “No way!”

I can’t lose this bag. Not after all I’ve done to keep most of its contents. The ‘other me’ is silent as I slip a bit more. I grit my teeth. How much of the rope do I have left?

“I’ll cross that bridge when I come to it”, I tell it. I’ve been holding on for so long. I’ve managed to juggle both just fine. Shouldn’t I just ‘hang in there?’ “Why all of this now?”

“Let go”, the voice commands me again and I snap out of my thoughts. “You will never truly lose it.” I sigh for loss of words. “Alright, I’ll bite”, I tell ‘myself’

This isn’t the first time I’ve had to cast away my wishes. “I’ve tried to make it lighter once... Tossed some stuff out”

“I guess it wasn’t enough”, I say through a miserable smile. I’ll never truly lose it, huh. I decide to trust the voice and drop my precious bag into the abyss below. This frees my other hand. So, I grip the rope with both. It’s much easier to hold on now.

Or so I thought. I begin to slip faster and faster. “What’s going on?! That should have helped more!” I yell as my hands find another place to grip on to. I’m met with silence. “What, got nothing left to say, you DANG PARROT?” I hug the rope as tight as I can, wrapping my legs around it.

“...Let go”, came the reply. I’m too shocked to fully understand what I hear. It takes a moment to register. “What...” I say eventually in a quiet voice.

“Let go.”

That’s it. I snap again. “You’re pulling my leg; you must be joking! “I’m straining to not slip even more. “I don’t even know how far off the ground is, I’m not just gonna-”

“It’ll be alright” the voice says confidently as my hands weaken and slip again.

“You. Don’t. KNOW. That”, I gasp using my remaining strength.

“It’s too late”, the voice cries. I barely hear it but it still bothers me. “Cut me some slack!”, I quit. And then the rope’s end passes through my fingers and I’ve slipped off it completely.

I hit the ground with a loud thud. I don’t think I’ve broken anything though. Wherever this is, it’s almost as dark as back up on the rope.

But I haven’t fallen much. “That’s it?!” I ask the darkness in disbelief. I can make out the end of the rope not far above my head. Was the ground always this close?

“Told you so”, the voice remarked. I puff my cheeks out in annoyance. Its hard to acknowledge that it was actually right.

If I squint, I can see a bare patch of grass with a convenient flat Rock. I take this as a sign to rest and lay my head against it. Lying down with my arms crossed behind my head it’s nice. I can feel my muscles relax. The whole place starts to lighten and I get a better view of my surroundings.

I'm surrounded by paths. They're all different. Some are grass lined, others Rocky, some.... I'm not even sure how to describe them. They're at different heights, high above and far below and look like floating islands. I don't know if I can cross over to them-or even if I should.

I seem to have fallen onto a narrow strip of land. It looks like it stretches out forever. I can't see where the path I'm on leads to.

"There are other paths you could take, you know", the voice reminds me. I lazily bat an eye towards the edge of my path where the sound came from.

"I guess there are", I say with a sigh. "I thought the rope was all there was. It was hard to see anything else when I was on it."

I try to relax again but another thought creeps into my head, preventing me. If my bag fell straight down, then...

"I wonder where my bag went...", I say out loud. No response.

I ponder over whether I was lied to by the voice when I get startled by something falling out of the sky and landing right beside me.

I can see the object over my elbow. It looks like... "IT'S MY BAG!", I yell. I can't help it. It's so good to see it again. I can feel my mouth break out into a smile. A real one. I thought I'd never see it's contents again. I get up to take a closer look at it.

"It's not the same", I say aloud. It has a buckle now. It can hold all my wishes just like it used to but now... "I can't lose it that easily anymore", I say with a grin from ear to ear.

"Your wishes have changed form. Do you have a plan?", the voice enquires.

I give it some thought. "I have an idea. But first I'm going to get my life together!" It feels good to say it out loud. If only I can follow through.

No sooner did I think that did yet another object fall towards me. Out of curiosity I scan the other floating paths. Things don't seem to drop at random there. Maybe it's because of me?

I move closer to inspect the object this time and recoil instantly. It's another rope. More work. More responsibility. I can't let go one and be done with it.

But this one's a bit different. Its knotted. If I did use it, it would be harder to slip off. "What do I do now?" I ask myself.

The other me asks a different question.

"Do you not see it?"

"See what?", I ask it back. I'm met with more silence. The other me must see things I don't. It could see a path before I could after all. I try asking it my question again. Nothing.

"What?", I ask it. "No response? No words of wisdom for this? I glare at the empty open space, through the layers of paths, the different roads I could take, waiting for an answer. Nothing.

"STUPID CONSCIENCE!", I yell at the top of my lungs. It helps. My head is clearer now. I look at my options. Walk this current path with my bag, use the new rope to seek others, or...

I look at the bag and the rope back and forth as though they'll give me answers.

"So what now", the voice interrupts my thoughts. I give up on thinking.

I smile. Take both. And Run.

The End

Merin Sarah Thomas
SA EE

Annual Day



Rendezvous



EXODOS 2023



SCAN
HERE TO
SEE SOME
GLIMPSES
OF
IMPORTANT
EVENTS OF
2022-23





മെറിൻ ഫിലിപ്പ്
അസിസ്റ്റന്റ് പ്രൊഫസർ, ഇ.സി.ഇ. വകുപ്പ്

അരുത് 'ലഹരി'

ഇന്ന് നമുക്ക് ഏറെ അപരിചിതമല്ലാത്ത ഒരു വാക്കാണ് ലഹരി. ഉപയോഗിക്കും തോറും ആസക്തിയും ആഗ്രഹവും ജനിപ്പിക്കുന്ന ഒരു വിഷമാണ് ലഹരി. ഇന്ന് പതിനെട്ടു വയസ്സിനു താഴെയുള്ള കുട്ടികളുടെ കൈകളിൽ പോലും ഇത് വിലങ്ങണിയിക്കുന്നു. ശരീരത്തെയും മനസ്സിനെയും ലോകത്തെയും ഒരുപോലെ കാർന്നു തിന്നുകൊണ്ടിരിക്കുന്ന മാരകമായ ഈ വൈറസ് ദിവസം കഴിയും തോറും പടർന്നുകൊണ്ടിരിക്കുന്നു. ലോകം നന്നായിട്ടു ഞാൻ നന്നാകാം എന്ന നിലപാടുകൊണ്ട് ഒരിക്കലും നമുക്ക് രക്ഷപെടാൻ പറ്റില്ല. ഞാൻ ഒരു തീരുമാനമെടുത്ത് നന്നായാൽ എന്റെ വീടു നന്നാകും, എന്റെ വീടു നന്നായാൽ എന്റെ നാടു നന്നാകും. എന്റെ നാടു നന്നായാൽ എന്റെ രാജ്യം നന്നാകും, എന്റെ രാജ്യം നന്നായാൽ ഈ ലോകം മുഴുവൻ നന്നാകും എന്ന മനോഭാവം ഉണ്ടാകണം. എങ്കിൽ മാത്രമേ ഈ വിപത്തിനെ പിടിച്ചു നിർത്താൻ സാധിക്കൂ.

നാം ആവശ്യപ്പെടാതെ ഏകദേശം എൺപതോ, തൊണ്ണൂറോ വർഷം ജീവിക്കാൻ നമുക്ക് കിട്ടിയ അവസരമാണ് നമ്മുടെ ജീവിതം. ആസ്വദിക്കാനും ആഘോഷിക്കാനും സന്തോഷം തരാനും കഴിവുള്ള ഒരുപാട് കാര്യങ്ങൾ നമുക്ക് ചുറ്റുപാടും ഉണ്ട്. നമുക്ക് സന്തോഷം ഉണ്ടാക്കാൻ വേണ്ടി പ്രപഞ്ച കർത്താവ് എണ്ണിയാൽ തീരാത്ത കൗതുകങ്ങൾ ഒരുക്കിയിട്ടുണ്ട്. ഈ ലോകം തന്നെ ഒരു ലഹരിയാണ്. ഈ ജീവിതം ഒരു ലഹരിയാണ്. ജീവിതം എന്ന ലഹരിയെ സ്വന്തമാക്കാൻ ആയിരിക്കണം നമ്മുടെ ലക്ഷ്യം. ചിലരുടെ ലഹരി കുടുംബമാണ്, ചിലർക്ക് മക്കൾ, ചിലർക്ക് ജോലി, ചിലർക്ക് കലയും. വൈവിധ്യങ്ങൾ നിറഞ്ഞ ലോകത്ത് വൈവിധ്യങ്ങളായ ജീവിത

ലഹരികൾ. നമുക്കു ചുറ്റുമുള്ള ഈ ലഹരികൾക്കിടയിൽ ജീവിക്കുന്ന ഒരു നക്ഷത്രമായി നാം മാറണം.

നമ്മുടെ സ്വർഗ്ഗവും നരകവും നാം തന്നെയാണ് തെരഞ്ഞെടുക്കുന്നത്. കഞ്ചാവ്, കളർ, പുകയില എന്നിങ്ങനെ വേദനകളെ ലഹരിയാക്കിയാൽ ഈ ലോകം ഒരു നരകമായി മാറുന്നു. നമുക്ക് ചുറ്റും കളർ കൂടിക്കുന്നവർ ഉണ്ട്, എന്നാൽ പ്രലോഭനങ്ങൾ വരുമ്പോൾ നാം മനസാക്ഷിയോട് പറയണം എന്റെ ചുറ്റുപാടല്ല എന്നെ നയിക്കുന്നത്. എന്റെ ലഹരി എന്റെ ജീവിതം മാത്രമാണെന്ന് സ്വയം ബോധ്യം ജനിപ്പിക്കണം. എല്ലാ മനുഷ്യരുടെയും ആത്യന്തിക ലക്ഷ്യം സന്തോഷമായി ഇരിക്കുക എന്നതാണ്. എന്നാൽ ഇന്ന് ഈ സന്തോഷം തേടിയുള്ള യാത്ര അവസാനിക്കുന്നത് നാർക്കോട്ടിക്സിലാണ്. ഇന്ന് ഒരു ഗ്ലാസ് മറവിലാണ് എല്ലാ സുഖങ്ങളും അടങ്ങിയിരിക്കുന്നത്. എന്നാൽ ഈ സ്കീൻ നമുക്ക് തരുന്നത് തീരാ വേദനകളായിരിക്കും. നമ്മുടെ തലമുറകൾ തമ്മിൽ അന്തരം സൃഷ്ടിക്കുകയാണ് ഇത്തരം സ്കീനുകൾ. സ്വന്തം അടുക്കളയിൽ നടക്കുന്നത് പോലും അറിയാതെയാണ് നാം ജീവിക്കുന്നത്.

നാം എപ്പോഴും നമുക്കു ചുറ്റും ഒരു സംരക്ഷിത വലയം സൃഷ്ടിച്ചിരിക്കുകയാണ്. സ്വന്തം മക്കളും മാതാപിതാക്കളും പങ്കാളിയും മാത്രം അടങ്ങുന്ന സംരക്ഷിത വലയങ്ങൾ. അതുകൊണ്ട് തന്നെ നമുക്കുചുറ്റും ലഹരിക്കടിമപ്പെട്ടവരെ നാം കാണുന്നില്ല. ഈ സംരക്ഷിത വലയം ഉപേക്ഷിച്ച് പുറത്തുവന്ന് ലഹരിക്കടിമപ്പെട്ടവരെ രക്ഷിക്കാൻ നമുക്കാകണം. ഒരു ചെറിയ സ്പാർക്ക് എങ്കിലും അവരുടെ തലച്ചോറിൽ നമുക്ക് ഉണ്ടാക്കാൻ കഴിയണം. പുകയിലയിൽ തുടങ്ങി തീവ്രമായ കഞ്ചാവിൽ എത്തുന്ന ഒരു ശാരീരിക മാനസിക അവസ്ഥയാണ് ലഹരിയുടെ ആസക്തി. പ്രേരണ മൂലമോ, ആകാംഷ മൂലമോ, അനുകരണം മൂലമോ, മിഥ്യാധാരണ മൂലമോ ആകാം തുടങ്ങുന്നത്. ഇന്ന് പരമ്പരാഗത രീതികളെ മറികടന്ന് മെത്തലീൻ ഡയോക്സി മെത്താംഫീറ്റമിൻ(MDMA) എന്ന drug മായി പിടിക്കപ്പെടുന്നവരാണ് കുടുതലും. മറ്റ് ലഹരിയെക്കാൾ മനുഷ്യനെ നരകിപ്പിച്ച് കൊല്ലിക്കുന്നവയാണ് ഇതൊക്കെ. വിദ്യാർത്ഥികളെ മാത്രം ലക്ഷ്യം വയ്ക്കുന്ന വൻകിട കച്ചവടക്കാർ ഇന്ന് വർദ്ധിച്ചുവരുന്നു.

ശാസ്ത്രീയമായ ചികിത്സാരീതികൾ കൊണ്ട് മാത്രമേ ഇതിന്റെ ആസക്തി കുറയ്ക്കാൻ സാധിക്കൂ. ഒരു അസുഖം വന്ന പോലെ എന്ന രീതിയിൽ treatment ആഗ്രഹിക്കുന്നവരാണ് പലരും. ഇന്ന് സർക്കാർ തലത്തിൽ തന്നെ പല deaddiction centre - കൾ ഉണ്ട്. പല ജില്ലകളിലും കൗൺസിലിംഗ് സെന്ററുകൾ ഉണ്ട്. കുട്ടികൾക്കായി മെന്റേഴ്സിനെ സ്കൂൾ തലം മുതൽ ഇന്ന് ലഭ്യമാകുന്നുണ്ട്. നല്ല മാർഗ്ഗനിർദ്ദേശം വഴി നല്ല പാത തെളിയിക്കാൻ സാധിക്കണം.



ഒരു ദൂരെയാത്ര

സൗമ്യ.എ.വി
അസിസ്റ്റന്റ് പ്രൊഫസർ, ഇ.ഇ.ഇ. വകുപ്പ്

യാത്രകൾ....

യാത്രകൾ ഒരുപാട് ഇഷ്ടപ്പെടുന്ന ആളാണ് ഞാൻ . കുഞ്ഞുനാളിൽ എന്തോ ആ ആഗ്രഹം ഒരിക്കലും നടന്നിട്ടില്ല . മുതിർന്നപ്പോൾ ഒരുപാട് യാത്രകൾ ചെയ്യാൻ അവസരം കിട്ടിയെങ്കിലും എന്തോ യാത്രകളെ ഞാൻ വെറുത്തു തുടങ്ങി . ഒറ്റയ്ക്കുള്ള നമ്മുടെ നാട്ടിലെ യാത്രകൾ ഒരിക്കലും എനിക്ക് സുഖകരമായിരുന്നില്ല . പക്ഷെ ഇവിടെ ഞാനെന്റെ ഏറ്റവും കൗതുകം നിറഞ്ഞ യാത്രയെക്കുറിച്ചാണ് വിവരിക്കുന്നത്. അപ്രതീക്ഷിതമെന്നപോലെ എനിക്ക് കിട്ടിയ ഒരു ഭാഗ്യം യാത്രയ്ക്കായിട്ടുള്ള ക്ഷണം കിട്ടിയപ്പോൾ ഒന്നും നോക്കിയില്ല. താല്പര്യമില്ല എന്ന് തന്നെ പ്രതികരിച്ചു. കിട്ടിയ ഭാഗ്യം തള്ളിക്കളഞ്ഞതിൽ വീട്ടുകാരും ഉറ്റസുഹൃത്തും ഒരുപാട് ഉപദേശിച്ചു. അങ്ങനെ ഒരു പകുതി സമ്മതം. തികച്ചും വ്യത്യസ്തമായ സംസ്കാരവും മറ്റ് രീതികളുമുള്ള നാട്ടിലേക്കാണ് യാത്ര. യാത്രയ്ക്കായുള്ള ഒരുക്കങ്ങൾക്കിടയിൽ ആരോ ചോദിച്ചു 'യാത്രയയ്ക്കാൻ' പോലും ആരുമില്ലാതെ ഒറ്റയ്ക്കുള്ള യാത്ര തുടങ്ങി. എന്തോ... ഓധ്യാപികയായത് കൊണ്ടാവാം, പഠിപ്പിച്ച കുട്ടികളോ അവരുടെ ഉറ്റവരോ എല്ലായിടത്തും ഉണ്ടാകും. യാത്രയിൽ ഒരമ്മകൂടി...

ഹിന്ദു എയർലൈൻസ് വരെ ആ അമ്മയുടെ മകളായി തന്നെ യാത്ര തുടർന്നു. അവിടെ നിന്നും ഹിൽട്ടൺ ഗാർനയൻ വരെയുള്ള വഴിയിൽ ഒരു തുരത്തിലകപ്പെട്ടത്സാലെയായി. ഫോണിൽ ഇന്റർനെറ്റ് ലഭിക്കുന്നില്ല, കോൾ ചെയ്യാൻ യാതൊരു നിർവ്വാഹവുമില്ല. അരമണിക്കൂർ നേരത്തെ ഒരു ശ്വാസം മുട്ടൽ. മനോഹരങ്ങളായ വഴിയോരകാഴ്ചകൾ ഒന്നും തന്നെ ആസ്വദിക്കാനാകുന്നില്ല.

'മാഡം വീ ഹാവ് റീച്ഡ്' എന്ന് ഡ്രൈവർ പറഞ്ഞപ്പോൾ ജീവൻ തിരിച്ച് കിട്ടി ! പിന്നീടങ്ങോട്ട് ജീവതത്തിൽ ഒരിക്കലും ലഭിക്കാത്ത കൗതുകങ്ങൾ നിറഞ്ഞ നാല് ദിവസങ്ങളായിരുന്നു. ഫോട്ടൽ റൂമിൽ ചെന്ന് ഒന്ന് ഫ്രഷായിട്ട് കാഴ്ചകൾ കാണാൻ പുറത്തേക്കിറങ്ങി. ലണ്ടനിലെ സൂര്യൻ നേരത്തെ ബൈ ബൈ പറയും. അഞ്ച് മണിയായപ്പോഴെ ഇരുട്ട് വീണു. ഭക്ഷണം വാങ്ങി റൂമിലേക്ക്. കിടന്നപ്പോൾ പണ്ടങ്ങോ കണ്ട് മറന്ന പ്രേത സിനിമകളുടെ ഓർമ്മ! കിടക്കയ്ക്കടിയിൽ നിന്നും കണ്ണാടിയുടെ പിറകിൽ നിന്നും ടിവിയിൽ നിന്നും ഇറങ്ങി വരുന്ന പ്രേതങ്ങൾ!!

ദൈവത്തിനെ വിളിച്ചും ടി.വി. ഉച്ചത്തിൽ വച്ചും ഉറങ്ങിപ്പോയി. പിറ്റേന്ന് നഗരകാഴ്ചകൾ കാണാനായി ഒരു പുർവ്വ വിദ്യാർത്ഥിയുടെ കൂടെ പുറത്തിറങ്ങി. സൂര്യൻ പിണങ്ങിപ്പോയതല്ല, പതിവ് പോലെ ലണ്ടനിലെ സൂര്യൻ അന്നു അവധിയായിരുന്നു എന്നതാണ് സത്യം. ഫോട്ടൽ മുറിയ്ക്കു പുറത്തിറങ്ങിയപ്പോൾ ഫ്രീസറിൽ കയറിയപോലെ തോന്നി.

ഒട്ടും കുറയ്ക്കാതെ ചാറ്റൽ മഴയും

വളരെ പ്രധാനപ്പെട്ട സ്ഥലങ്ങളെല്ലാം കണ്ടു. ഒരു കാര്യം പറയാമെങ്കിൽ പഴയ കെട്ടിടങ്ങളെ പരിപാലിക്കുന്നതിൽ ഉള്ള മികവ് നമ്മൾ ബ്രിട്ടീഷുകാർക്കു കണ്ടു പഠിക്കണം. നടന്ന് നടന്ന് തളർന്നപ്പോൾ ഒരു ഡോൺറ്റും കോഫിയുമായി ഉച്ചഭക്ഷണം. വളരെയധികം സന്തോഷത്തോട് കൂടി കാഴ്ചകൾ കണ്ട് നടന്ന ഞങ്ങൾക്ക് കാത്തിരുന്നത് വലിയ ഒരു ദുരന്തമായിരുന്നു. തത്ക്കാലം അതൊരു സന്ദർശനസായിരിക്കട്ടെ. പരിഭ്രമത്തോടെ മുറിയിലെത്തി അടുത്ത ദിവസത്തേയ്ക്കുള്ള പാക്കിംഗ് ചെയ്തു. അടുത്ത താമസസ്ഥലം ലണ്ടനിൽ തന്നെ ഏറ്റവും ചിലവേറിയ ഹോട്ടലിലാണ്-

ഒരു വലിയ പെട്ടിയും ചുമന്ന് ബസിലുള്ള യാത്ര- ഒരു മണിക്കൂർ കഴിഞ്ഞപ്പോൾ കുറേ വഴിതെറ്റിയാണെങ്കിലും..... ഹോട്ടലിൽ എത്തി. ഒരു പഴക്കം ചെന്ന ബ്രിട്ടീഷ് കൊട്ടാരമാണത്. റൂമിൽ കയറി *IET Head Quarts Savoy Palace* ലോട്ടുള്ള യാത്രയ്ക്ക് ഒരുങ്ങി. അവിടെ വച്ച് കിട്ടിയ രണ്ട് ഇന്ത്യൻ സൂഹൃത്തുക്കളുമായി *Savoy Palace* ലോട്ട് നടന്നു. ഒരു അധ്യാപിക എന്ന നിലയിൽ ഒരിക്കലും ഈ നാട്ടിൽ കിട്ടാത്ത ബഹുമാനം അവിടെ ലഭിച്ചു. പല പല നാടുകളിലെയും പല വിഭാഗങ്ങളിലായി ജോലി ചെയ്യുന്ന പ്രമുഖരുമായി

പരിചയം സ്ഥാപിക്കാൻ കഴിഞ്ഞു. Savoy Palace-ലെ പരിപാടി കഴിഞ്ഞു ഞങ്ങൾ രാത്രി പുറത്ത് നടക്കാനായി ഇറങ്ങി. അവിടെ ക്രിസ്തുമസ്സിനു മുന്നോടിയായിട്ടുള്ള അലങ്കാര കാഴ്ചകൾ കണ്ടു. തിരികെ എത്തിയപ്പോൾ ഒരുപാട് വൈകിയിരുന്നു. പിറ്റേ ദിവസം അതിരാവിലെ തന്നെ പരിപാടി നടക്കേണ്ട സ്ഥലത്ത് എത്തണം. നവംബർ 12, 2022 എന്റെ ജീവിതത്തിലെ ഏറ്റവും വിലപ്പെട്ട നിമിഷങ്ങൾ സമ്മാനിച്ച ദിനമായിരുന്നു.



ഞാൻ ജോലി ചെയ്യുന്ന പ്രൊഫഷണൽ ബോഡിയെക്കുറിച്ച് മനസ്സിലാക്കാനും കൂടാതെ എനിക്കറിയാവുന്ന കാര്യങ്ങൾ അവിടെ പ്രകടിപ്പിക്കാനും കഴിഞ്ഞു.

അന്നേ ദിവസം എനിക്ക് ഒരുപാട് പ്രചോദനം നൽകി. രണ്ട് പ്രഭാഷണങ്ങൾ ഉണ്ടായിരുന്നു. അത് കേട്ടപ്പോഴാണ് എനോടൊപ്പം പ്രവർത്തിക്കുന്ന വിദ്യാർത്ഥികളും ആ തലത്തിൽ ഉയരണമെന്ന് ഞാൻ ഒരുപാട് ആഗ്രഹിച്ചുപോയി. അതിനാൽ എന്നാൽ കഴിയുന്ന എല്ലാ നിർദ്ദേശങ്ങളും സഹായ സഹകരണങ്ങളും ചെയ്യണം എന്ന് മനസ്സിൽ കുറിച്ചിട്ടു. അടുത്ത ദിനമാണ് നാട്ടിലേക്കുള്ള മടക്കം. അതിരാവിലെയായിരുന്നു ഫ്ലൈറ്റ്. അത്ര സുഖകരമായിരുന്നില്ല ആ യാത്ര. വീട്ടിൽ തിരിച്ചെത്തിയപ്പോൾ ഒരു കൊല്ലം കഴിഞ്ഞ് വീട്ടിലേക്ക് വന്ന പ്രതീതി.

ഒരു യാത്രകൊണ്ട് തന്നെ എന്റെ കാഴ്ചപ്പാടുകളിൽ വന്ന മാറ്റവും എന്റെ ആത്മവിശ്വാസവും കണ്ട് പലരും പറഞ്ഞു - നീ ഒരുപാട് മാറിപ്പോയെന്ന്. അതെ ഒറ്റയ്ക്കുള്ള യാത്രകൾ എപ്പോഴും നല്ലതാണ്. പക്ഷെ ഇപ്പോഴും എനിക്ക് യാത്രകളെ പേടിയാണ്.



ശില്പമാണെന്നു നീ,
എൻഭാഗയിൽ അലിഞ്ഞു,
എൻഭാഗിയിൽ അലിഞ്ഞു..
സേനഹത്തിൽ പൊതിഞ്ഞു

കാലം പോകുവിൻ,
എൻ ഭാഗിയിൽ മാഞ്ഞു,
ആ മാഞ്ഞു ഭാഗിയിൽ,
നീയും അകലുന്നു.

ഒടുവിൽ ഞാൻ അലയുന്നു,
ശില്പമെന്ന ഞാൻ,
അറിഞ്ഞില്ല, പറഞ്ഞില്ല
സേനഹിച്ച നീ മനുഷ്യനായിരുന്നെന്ന്

അനസ് മൊഹമ്മദ്
എസ്-2, സി.എസ്-1



സബീഷ് പിറ്റർ
അസി. ലൈബ്രറിയൻ

പഠനപ്രക്രിയയിലെ അസന്തുലിതത്വം

1. വിജ്ഞാന മണ്ഡലം (Cognitive Domain)
2. വൈകാരിക മണ്ഡലം (Affective Domain)
3. മനശ്ചാലിത മണ്ഡലം (Psycho-motor Domain)

ഈ മൂന്ന് മേഖലകളുടെയും സന്തുലിതമായ വികാസമാണ് വിദ്യാഭ്യാസം. ഏതെങ്കിലും ഒന്നിന്റെ ക്രമാതീതമായ വികാസം അപകടകരമാണ്. ബുദ്ധിമണ്ഡലം മാത്രം വികസിക്കുമ്പോൾ ചിന്തയും അന്വേഷണവും വളരുന്നില്ല. ഇങ്ങനെയുള്ളവർ മികച്ച പ്രതിഭാശാലിയും വിജ്ഞാന ഭാണ്ടിയും ആയേക്കാം പക്ഷെ, സഹതാപം, സേനഹം തുടങ്ങിയ മുഖ്യങ്ങൾ

വളരാത്തതിനാൽ ഏത് നിഷ്ഠൂരതയ്ക്കും മുതിർന്നേക്കാം. വൈകാരിക മണ്ഡലം മാത്രം വികസിക്കുമ്പോൾ വികാരാധീനനായി ബുദ്ധിശൂന്യത പ്രകടിപ്പിക്കുന്ന വികാരങ്ങൾ ഒരു ദൗർബല്യമായി അനുഭവപ്പെടാം. യുക്തിചിന്തയുടെ പേരിൽ ജീവിതപ്രശ്നങ്ങളെ നേരിടുന്ന ഇക്കൂട്ടർ ദീനദയാലതം, മാതൃസേനഹം പോലുള്ള വികാരങ്ങൾക്കധീനനായി മഹാഭാരതത്തിലെ കർണ്ണനെപ്പോലെ ജീവിതപോരാട്ടത്തിൽ ഇവർ പരാജയപ്പെടാം. മനശ്ചാലിതമണ്ഡലം മാത്രം വികസിച്ചാൽ ബുദ്ധിയും വികാരവുമില്ലാത്ത ഒരു മൃഗമായി മനുഷ്യൻ മാറും, വിദ്യാ സമ്പന്നരായവർ പോലും വർഗ്ഗീയ കാഴ്ചപ്പാടുകളും അന്ധമായ മതഭ്രമവും കാണിക്കുന്നത് വൈകാരിക മണ്ഡലത്തിന്റെ അപകടമായ വികാസം കൊണ്ടാണ്.

1. അറിവ് (Knowledge)
2. ഗ്രഹണം (Understanding)
3. പ്രയോഗം (Application)
4. നൈപുണ്യം (Skill)
5. താല്പര്യം (Interest)
6. ആസ്വാദനം (Appreciation)
7. അഭിഭാവം (Attitude)

വിദ്യാഭ്യാസം അറിവ് നേടുന്ന പ്രക്രിയ മാത്രം ആയി മാരുത്. സ്പഷ്ടീകരണം, ഓർമ്മിക്കുക, തിരിച്ചറിയുക എന്നിവ കൂടിവേണം. പരീക്ഷയ്ക്കായി മാത്രം വിദ്യാഭ്യാസത്തെ കാണുന്നവർ പരീക്ഷയ്ക്ക് ശേഷം



ഒന്നും ഉണ്ടാകാത്ത അവസ്ഥയിലെത്തും. അധ്യാപകൻ മനസ്സിലാക്കി പഠിപ്പിക്കുന്നില്ല എന്നതും വിദ്യാർത്ഥി മനസ്സിലാക്കി പഠിക്കുന്നില്ല എന്നതും ഗുരുതരമായ പ്രശ്നമാണ്. മനസ്സിലാക്കി കൊടുക്കാനുള്ളതിന്റെ ബുദ്ധിമുട്ട് അറിയുന്ന അധ്യാപകനും അന്വേഷണതരയുള്ള വിദ്യാർത്ഥിയും ഒരുമിച്ചു ചേരുമ്പോൾ മാത്രമേ പഠനം ശരിയാകൂ.

പഠിക്കുന്ന ഓരോ വസ്തുവും പ്രയോഗപരമായി പഠിച്ചാൽ മറക്കില്ല. പക്ഷേ അതിൽ താല്പര്യം പലർക്കും ഇല്ല. ലൈബ്രറിയും ലബോറട്ടറിയും ശരിയായ ഉപയോഗിക്കാൻ പഠിച്ചാൽ തന്നെ പകുതി ശരിയാകും. പരീക്ഷണബന്ധിയായ നൈപുണ്യവികാസത്തിലൂടെ മാത്രമേ മികച്ചത് നേടാനാകൂ. എഴുത്ത്, സംസാരിക്കാനുള്ള വാസന, പരീക്ഷണങ്ങൾ, വിശകലനപാടവം എന്നിവ നോക്കി ഒരുവൻ നൈപുണ്യവികാസം സാധ്യമാകുന്ന തൊഴിൽ വിദ്യാഭ്യാസം നൽകാവുന്നതാണ്.



പഠനബോധനരീതികളുടെ ആകർഷണക്കുറവ് പഠനം എന്റെ ആവശ്യം ആണ് എന്ന തോന്നൽ കുട്ടിക്കുണ്ടാകും. പഠനം ആകർഷകമാക്കുന്ന പ്രക്രിയ കാലാനുസൃതമായി മാറ്റങ്ങളോടെ അവതരിപ്പിക്കണം.

വിദ്യാഭ്യാസം ആസ്വാദ്യകരമാവുമ്പോൾ പഠിതാവിന് പഠനതാല്പര്യം ഉണ്ടാവും. വിദ്യാഭ്യാസം സ്വഭാവരൂപീകരണ പ്രക്രിയയാണെന്നാണ് ഗാന്ധിജി പറഞ്ഞത്. മുഖ്യധാരിഷ്ഠിതമായ വിദ്യാഭ്യാസം സ്വഭാവരൂപീകരണത്തിന് സഹായിക്കും. സമൂഹത്തെ മാറ്റാൻ എനിക്കാവില്ല എന്ന ചിന്തയാണ് പലർക്കും. എന്നാൽ ശരിയായ അറിവും, നൈപുണ്യ വികാസവും, താല്പര്യം കാലാനുസൃതമായ മാറ്റങ്ങളും ഇഴചേർന്ന

സമ്മിശ്രപ്രകീയ വിദ്യാഭ്യാസത്തിൽ കൊണ്ട് വന്നാൽ വിദ്യാഭ്യാസപ്രക്രിയ കൂടുതൽ ശക്തമാക്കി മാറ്റാൻ സാധിക്കും.

**'ഔഗാർത്ഥ
വിദ്യാഭ്യാസം
ചുറ്റുമുള്ള
സാഹചര്യങ്ങളുമായി
തപാരുത്തതപഃണം
രതലൂജിൺ രതത്
രേരോഗ്യകരമാല
വളർച്ചയല്ല.'**

-ഗാന്ധിജി



നിൻ ഓർമ്മകൾ

എൻ നെഞ്ചിന്റെ ചില്ലുകൾ തച്ചടച്ചു നീ പോയതല്ലേ...
 മരച്ചില്ലയിലെ ഇലകൾ കൊഴിയുന്നതു പോലെ നീ എന്നിൽ നിന്നും അകന്നു പോയതല്ലേ
 നരകതുല്യമായ എൻ ജീവിതത്തെ സ്വർഗമെന്തെന്നു കാട്ടി നീ പോയില്ലേ
 നിന്റെ മരണത്തെക്കാൾ നിന്റെ ഓർമ്മകളാണ് എന്നെ കുത്തിനോവിക്കുന്നത് പൊന്നേ
 നിൻ ഓർമ്മകൾ എന്നെ നരകത്തിന്റെ അടിതട്ടിൽ എത്തിച്ചില്ലേ
 അഭിമന്യു ചക്രവ്യൂഹത്തിൽ മരിച്ചതു പോലെ നമ്മുടെ ഈ അനശ്വരമായ പ്രണയത്തെ ഈ ക്രൂരമായ കാലചക്രം നൊമ്പരത്തിൽ ആഴ്ത്തിയില്ലേ...



ഗോകുൽകുമാർ ജി ആർ എസ്-8, സി.ഇ-2

जोशीमठ के बारे में

पिछले कुछ दिनों में जोशीमठ का नाम एकदम से खबरो में छा गया है। जि. सके पीछे का कारण है जोशीमठ मे आई भयंकर दरार । अब हालिया अपडेट ये है कि प्रशासन ने आपदा से निपटने की तैयारियां पुरु कर दी है जिसके तहत सबसे पहला कदम उठाते हुए बुलडोजर चलाने की प्रक्रिया आरंभ हो चुकी है।

प्रशासन की तरफ से आपदा प्रभावित डलाको में मैजूद नजर मकान और होटल जाएंगे। ये फैसूला तकनीकी समिति की नाच के बाद लिया है जि. समे इस बाद का खतरा साफ बताया गया की अगर जर्जर हो चुके निमणि को तोडा नही गया तो भारी जानमाल की आशेका है। इस रिपोर्ट के बाद प्रशासन ने हरकत मे आते हुए 678 घरों और 2 होटलो को चिह्नित किया है ।

बहराल बता ढे कि जोशीमठ ने सिर्फ सामाजिक महत्व रखता है बल्कि इसका छार्मिक महत्व भी कई आधिक है । छार्मिक हष्टि के अनुसार देखा जाए तो जोशीमठ के बिना बढीना थ समेत ऐसे कई धार्मिक स्थल है जिनके ढरनि करना संभव ही नही । ऐसे मे आईये जानते है कि कैसे जोशीमठ इतना महत्त्व रखता है ओर क्या है इसका इतिहास ।

वैभव जयकुमार
एस-4,इसी-2



बचपन

बचपन हमारे जीवन का एक क्षणिक और अनमोल समय होता है जिसे हम अक्सर बड़े लगाव के साथ याद करते हैं। इस दौरान हम मासूमियत, जज्जासा और आनंद का अनुभव करते हैं। जैसे-जैसे हम बड़े होते हैं, हमें पता चलता है कि हर किसी के बचपन के अनुभव एक जैसे नहीं होते हैं, और हर किसी के पास खुशियां नहीं होती हैं। लेकिन, हम इसे हमेशा के लिए अनुभव नहीं कर सकते। वयस्कता की जम्मेदारियां और मांगें जल्दी से हावी हो जाती हैं और हमें आराम और मनोरंजन के लिए बहुत कम समय मिलता है।

बचपन के महत्व को याद रखना और उसके सारांश को धारण करना महत्वपूर्ण है। हमें एक पल के लिए रुकना चाहिए और अपनी यादों और अनुभवों पर चर्चा करना चाहिए, क्योंकि वे हमें प्यार, दया और सहानुभूति का महत्व सिखाते हैं। जैसे-जैसे हम जीवन में आगे बढ़ते हैं, हमें यह ध्यान रखना चाहिए कि इन मूल्यों को भुलाया नहीं जाना चाहिए।

बच्चों के नजरिए से जीवन जीना एक महत्वपूर्ण मंत्र है जिसे अपनाना चाहिए। इसका मतलब यह नहीं है कि हमें अपनी जम्मेदारियों को नजरअंदाज कर देना चाहिए, बल्कि

हमें बचपन के आनंद और अरुचिको बनाए रखने की कोशिश करना चाहिए। हमें अपने आसपास की दुनिया के बारे में प्रशंसा और जज्जासा की भावना बनाए रखनी चाहिए।

आज के समाज में दयालुता को अक्सर कमजोरी समझा जाता है जहां हमारे भीतर के बच्चे के लिए कोई जगह नहीं है। इस तरह, हमें दयालुता को बढ़ावा देना चाहिए और एक अधिक समावेशी और खुले विचारों वाली दुनिया बनाने का प्रयास करना चाहिए।

अंत में, हमें हमेशा बचपन के मूल्यों को याद रखना चाहिए और उन्हें अपने वयस्क जीवन में शामिल करना चाहिए। हमें अपने बचपन के अनुभवों पर मनन करना चाहिए और आश्चर्य और चंचलता की भावना को बनाए रखने का प्रयास करना चाहिए। इन सबसे ऊपर, हमें एक दयालु और अधिक समावेशी दुनिया बनाने की दिशा में काम करना चाहिए, जहां हमेशा प्रेम और दया बनी रहे।

सैम पीटर

एस-4.सी.एस-1

Staff

2022-23

Teaching Staff





Phd Scholars



Technical Staff



Administrative Staff



Exam Cell



ITMS Staff



Library Staff



House Keeping Staff



Maintenance and Security Staff

PLACES 2023

Adiós....

MTECH



DEPARTMENT OF CIVIL ENGINEERING

CE1



CE2



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CS1



CS2



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

EE1



EE2



**DEPARTMENT OF
ELECTRONICS AND COMMUNICATION ENGINEERING**

EC1



EC2



DEPARTMENT OF MECHANICAL ENGINEERING

ME1



ME2



SPORTS ACHIEVEMENTS



MBCET Chess Team

- College Chess Men and Women team secured Runner Up position in APJ AKTU A-Zone Tournament conducted at MBCET.
- Men's team secured 5th position in the All Kerala Inter Zone Chess Competition held at Jawahar College of Engineering and Technology, Lakkadi, Ottapalam, Palakad



MBCET Table Tennis Team

- Our College Men's team secured First position and Women's team secured Second position in the APJ AKTU A-Zone Inter- College Tournament held at CET on 26th October 2022.
- Men's team bagged the Third position in the All Kerala Table Tennis Championship held at FISAT, Angamali. on Nov 2.



Vineeth Roshan (S6 CE1)

- Representing the University Volleyball team Inter University held at SRM University, Chennai
- Represented in the District Volleyball Championship conducted by Kerala Sports Council
- Won the best player of the All Kerala Inter collegiate Volleyball tournament.



MBCET Men's Basketball Team

- Won Runners- Up in the Trivandrum District Senior Championship held at Chandrasekharan Nair Stadium, Trivandrum. The finals was with KSEB team.
- Won Runner up position in the All Kerala Inter Zone Basketball Tournament held at Illahia Engineering College, Muvattupuza



Diya Vijayan V D (S2 EC2)

Represented University Women's Basketball held at Madras University from 4 to 8 January 2023. The University coaching camp was at Mohandas Engineering College, Nedumangadu.



Bhadra S S (S4 ME)

- Represented the 36th National Games at Gandhi Nagar, Gujarat (Triathlon Event) and she is the captain of the Kerala Women Team.
- Won 8th position in Triathlon National championship held at Karnataka



MBCET Men's Volleyball Team

- Won the A Zone Volleyball Trophy. The team has qualified for the All Kerala Inter-Zone Championship held at Muthoot Institute of Science and Technology
- Won the Runner Up trophy in the All Kerala Inter collegiate Volleyball tournament held at Attingal, Govt. College as part of their fest Daksha.
- Won the champions trophy in the All Kerala Inter collegiate Volleyball tournament held at BaseliOS Mathew II College of engineering by defeating FISAT Angamali in semi finals and BMC kollam in finals.
- Won the Runners trophy in the All Kerala Inter collegiate Volleyball tournament held at UKF College of engineering kollam.
- The MBCET Volleyball team lifted the champions trophy in the All Kerala Inter collegiate Volleyball tournament held at College of Engineering Perumon by defeating bmc kollam in semi finals and VKCET, Paripally in finals.



MBCET Women's Kho Kho Team

Won Third position in the APJ AKTU A-Zone Inter-Collegiate tournament held at CET, Trivandrum on 28th November 2022.



MBCET Men's Kabbadi Team

Won Runners Up in the A Zone Kabaddi Championship held at VKCET, Paripally, Kollam. The team has qualified for the All Kerala Inter Zone Championship held at KMEA Engineering College, Ernakulam.



G J Anuja (S7 EE2)

Won third position in the APJ AKTU All - Kerala Inter Collegiate Karate Championship held at M A College of Engineering and Technology, Kothamangalam.

Ravikiran Nair (S2 CT)



Represented INDIA for the 1st Asian Chessboxing Championship and also participated in the 2nd WBCO Indian Open Chessboxing World Cup 2023. He secured Gold and Bronze Medals respectively for the events held at Kolkata



Rohan Geo Chacko (S6 ECI)

Awarded the best Football Coach of Pathanamthitta District from the Hon. Sports Minister Sri. Abdurahiman. It was a Government Program called 'One Million Goal' for School students at the time of Qatar World Cup Football



**Alen Cyriac Joseph (S6 CS2)
Aaron Johnson (S6CE1)
Anand Pillai (S2CS2)**

Represented the University Netball Team held at Soundarya College of Law, Banglore organized by Karnataka State Law University.



Pranav P Nair (S4 EC1)

Individual Champion, in the KTU Table Tennis Championship held at FISAT, Angamali. He is also selected for the University team.



Bhavya Suseelan (S8 CS1)

Individual Champion of the APJ AKTU All-Kerala Inter-Collegiate Chess Tournament and also got selected to participate in the South Zone Inter-University Tournament to be held at Jain University, Bangalore.



Sona S (S4 EC1)

Represented University lawn tennis women's team which was held from 10th to 12 November 2022 at Jain University, Bangalore.



MBCET Men's Netball Team

Won Runners trophy in University All Kerala Netball Championship organized by MBCET



MBCET Cricket Team

Won Second Runner Up trophy In the Inter-Collegiate A Zone Cricket competition held at Mar Ivanios Ground.



MBCET Women's Basketball Team

Won Runners Up Trophy in A Zone Basketball Tournament held at CET



MBCET Women's Netball Team

Won 2nd Runners Up trophy in University All Kerala Netball Championship organized by MBCET



Siddhi Sekar (S6 Ec2)

Diya Vijayan (S2 Ec2)

Represented University Women Netball team in the All India Inter University Championship held at Central University, Haryana



Aravind Ajay (S2 ME)

Thejus Prasanannan (S2 EE)

Won the Runner up Trophy in the All Kerala Inter Zone Tennis Championship held today at TKM Engineering on Oct31.



Aravind Ajay (S2ME)

Represented as second seed player of University Tennis team held at Jain University

STUDENT ACTIVITY AND CLUB REPORTS

MBCET SENATE

The Senate, elected on December 9th, 2022, for the academic year 2022-2023, marked a significant milestone in the Institution. Embarking on a journey of excellence, the Senate wasted no time in organizing its inaugural cultural program—a joyous Christmas celebration held on December 23rd, 2022. This momentous occasion coincided with the formal inauguration of the Senate, graced by the esteemed presence of our Bursar, Rev Fr John Varghese, and our Principal, Dr Abraham T Mathew, both of whom delivered inspiring addresses to the student body. Assistant Bursar Fr Thomas Mukalumpurathu and Vice Principal Dr Viswanath Rao also attended this momentous event.

Amidst the Christmas festivities, an enticing cake stall named "FROSTED" was set up, showcasing the culinary skills and creativity of the students. Enthusiastic participants brought forth their delectable cakes, pastries, and other baked goods, which were sold to support the cause. The funds generated from the sales were generously given back to the talented student contributors. This endeavor not only proved to be a resounding success but also served as a platform for students to showcase their talents and entrepreneurial spirit.

In the spirit of holistic development, the annual sports meet, a much-anticipated event, took place on February 10th, 2023. This athletic extravaganza brought together students from various disciplines, fostering camaraderie and healthy competition.

CROSS ROADS

The awe-inspiring cultural extravaganza, "CROSSROADS," the annual fest of Baselios, reached new heights of grandeur this year. The Crossroads core committee, College Management, MBCET alumni association, faculties, and students collaborated seamlessly to orchestrate an unforgettable experience. The momentous unveiling of the Crossroads logo took place on April 26 2023, marking the official commencement of the cultural fest. Renowned playback singer, **Mr. Arvind Venugopal**, graced the occasion as the esteemed chief guest, adding a touch of star power to the event.

Anticipation soared as Crossroads 2023 unfolded on May 12th, 13th, and 14th. The jubilant college day celebrations commenced on May 12th at Girideepam Convention Centre. The inaugural ceremony was a sight to behold, graced by the presence of **H.B. Moran Mor Baselios Cardinal Cleemis Catholics**, who presided over the proceedings, and inaugurated by the esteemed **Shri. S. Sreejith IPS**. The celebrated cine artist, **Mr. Kishore Satya**, adorned the event as the distinguished chief guest. The day witnessed an array of captivating events, including a mesmerizing fashion show, the soul-stirring "Voice of Crossroads," the electrifying "Footloose," the enthralling "Duo," and the captivating initial round of "Persona." Adding to the festivities, DJ Rocky and Shrishti Band delivered a stellar entertainment performance, leaving the audience enthralled.

The subsequent days, May 13th and 14th, witnessed a captivating atmosphere at Poojapura Ground. The 13th saw an enthralling display of talent, featuring the fierce "Choreobattle," the exciting "RJ Hunt," and the spellbinding "Henshin-Cosplay" competition. The day reached its pinnacle with a mind-blowing pro show performance by the sensational Indian singer, Darshan Raval, captivating everyone in attendance.

On the 14th, a heartwarming alumni reunion took center stage, followed by the highly anticipated final round of "Persona." The event concluded on a high note with a captivating pro show performance by the esteemed band, Matadoria, and an electrifying DJ set by the incomparable DJ Monika Starling.

Crossroads 2023 proved to be an astounding success, attracting a diverse range of participants from across the entire state and a wide range of audience of all age groups when compared to Crossroads 2022. It left an indelible mark in the hearts of all who attended, showcasing the extraordinary talents and vibrant spirit of Baselios.

American Society of Mechanical Engineers (ASME)

The latest addition to the arsenal of organizations affiliated with MBCET is the ASME MBCET Students' Chapter, formed in the month of March, 2017. The American Society of Mechanical Engineers (ASME) was formed by the students of the Mechanical

Engineering Department with the objective of organizing events that focus on Mechanical Engineering.

Execom Members

Student Section Advisor: Mr. Bobin Saji George | Chair: Pratyush Moni | Vice chair: Sneha SelvanPJ | Secretary: Arjun | Technical Head: Kailas Nath | Organising committee Head: Aswin S.S | Treasurer: Ebel Philip Varghese

Energon Series

As part of the Energon Series of talks by the ASME MBCET student section, a one-week long workshop on "Application of Computational Fluid Dynamics in Fluid Flow Analysis" was conducted from November 14, 2022, to November 18, 2022. The workshop aimed to provide students with knowledge and practical skills in fluid flow analysis using Computational Fluid Dynamics (CFD). Mr. Vaisakh S Nair, Assistant Professor in the Mechanical Engineering Department, served as the resource person for the workshop. As part of the workshop, a competition based on flow analysis was arranged to encourage practical application of the learned concepts.



AUTOMATA

Automata is an exclusive club for Mechanical Engineers of MBCET. The club conducts technical fests and other online competitions throughout the year. The prestigious Offroads is conducted by Automata and the exe-com of Automata is working hard to conduct offroads this year too. The technical fest of Mechanical department, MBCET, Vortechx'22 was also hosted by Automata.

Vortechx'22

Department of Mechanical Engineering successfully conducted a one-day Technical Fest, VORTECHX'22, on July 2nd 2022. The fest was inaugurated by Rev. Fr. Thomas Mukalumpurathu, Asst. Bursar in presence of Dr. Abraham T. Mathew, Principal and Dr. Rajesh T.N, HOD and Dr. K Muraleedharan Nair, Professor & Dean (Administration). A variety of technical events like RC Obstacle race, CATIA workshop, Machinehunt, Cycle race, CAD competition, Pit stop, Lathe master and fun activities were organized. More than 100 students contested for the events mentioned above. Mr. Ajeesh M. V., Faculty Coordinator and Jibi John, Student Head coordinated the programs effectively.

Talk session on "Higher Studies Abroad"

A talk session on "HIGHER STUDIES ABROAD" was conducted by IDP on 26/05/2023. The various higher education and job opportunities in the UK, US, Ireland, and New Zealand were discussed. The session gave students an insight into how to choose a course and university abroad that suits their aptitude. The session which spanned for an hour was attended by students of S8 and S6.

CSI MBCET STUDENT CHAPTER

Talk Session: Target GATE

Department of Computer Science and Engineering, in association with CSI SB MBCET organized an interactive session, "TARGET GATE" on 26th September, 2022. Dr. John Jose (Associate Professor, Dept. of CSE, Indian Institute of Technology, Guwahati) was the speaker for the session. He dealt with importance and scope of GATE examination, for the final year students. The session was exclusive to final year college students of Mar Baselios College of Engineering and Technology.

UXplorer | UI/UX Challenge

CSI SB MBCET hosted a UI/UX Challenge, UXplorer, an opportunity to showcase the visual intellect in designing a website or an application on 5th October 2022. The theme for the challenge was a college app (mobile/web) such as club-events listing, timetable tracking, attendance recording, etc. Ferwin Lopez bagged the first prize in UXplorer through his well-designed app interface that keeps students updated on college events, pending assignments, and much more. Student Coordinators: Vaishnavi Vinod S6 EC2, Varsha Renjith S6 CS2

Power Talk 1 | Entrepreneurship Journey

CSI SB MBCET initiated a new talk series, the Power Talk, that aims at bringing great entrepreneurs to interact with our community. Mr. Don Kora, CEO of Tatos Technologies was the esteemed. He shared insights on how he started his company and motivated students to find their own paths. Student Coordinator: Prajwal Pramod S4 CS2.

Cybernauts | 3-day Workshop on Cybersecurity

CSI SB MBCET in association with NetSec Research Group MBCET and the Department of CSE hosted, CYBERNAUTS, a 3-day workshop on 'Introduction to Cybersecurity' from 16th to 18th November 2022. The event was exclusively for 2nd of CSE and 3rd-year CSE B.Tech students. It presented several topics such as Information Security, Cryptography, and Network Security. It also dealt with Network Attacks and Network Security Threats, Cybersecurity Threats, and Network Security using Machine Learning and much more. Also included an overview of becoming an Ethical Hacker. Faculty Co-ordinator: Ms. Deepthi K Moorthy | Assistant Professor, Dept. CSE. Student Coordinators: Varsha Renjith S6 CS2, Chris Dylan John S6 CS2.

Career Hack Series 3 | Life and Career Perspectives

CSI SB MBCET in association with ACE MBCET hosted the third session of the Career Hack series, 'Life and Career Perspectives' on 5th January 2023. Ms. Manju Abraham, VP of Engineering, Primary Storage at Hewlett Packard Enterprise. Based on her vast experiences in the industry, she shared meaningful insights on how to grow career-wise. Student Coordinator: Varsha Renjith S6 CS2.

Career Hack Series 1 | Road to Opportunities

CSI SB MBCET initiated a new talk series, the Career Hack, a series that guides students on career development and provide them with resources across all areas of technology and career stages. The first session, Road to Opportunities, had Mr. Prajwal Pramod, Product Intern at andwemet and the Design Lead at CSI MBCET as the speaker. The session held on 13th October 2022 covered topics such as finding legible and efficient internships. Student Coordinators: Lekha R S4 EC1, Shubin Shibu S6 CS2.

Career Hack Series 2 | Road to being a Product Person

CSI SB MBCET hosted the second session of the Career Hack series, on Product Management. Ms. Fausya Amalh, Product Manager at Spotify, London was the speaker for the session. The session held on 21st December 2022 included sharing her journey, her role as a product manager, and much more. Student Coordinator: Maushmi S4 CS2.

MongoDB Workshop | Hands-on Workshop

CSI SB MBCET hosted a hands-on workshop on MongoDB Database on 4th February 2023. The sessions were handled by Mr. Kevin Jacob, ReactJS Developer. It was held exclusively for 3rd year CSE students. The session covered CRUD operations of the database, its applications in the real world, and much more. Student Coordinators: Noel Varughese S6 CS1, Gopal S S6 CS2, Varsha Renjith S6 CS2.

Agile and Testing Workshop - Enxcl Business Solutions

Department of Computer Science and Engineering in association with CSI SB organised a two-day workshop on Testing and Agile. A team lead by Mr Santosh Udayanan, CEO, Enxcl Business Solutions conducted the workshop for third year Btech, CSE students and explained the various aspects of Testing and Agile Framework. 74 students participated in this workshop. Faculty Coordinators: Ms. Deepthi K Moorthy, Dept. of CSE | Ms. Gauri Shree V K, Dept. of CSE.

Project Expo

Project Expo for final years to demonstrate their final year projects were conducted by the Department of Computer Science and Engineering in association with CSI SB MBCET on 21st May 2023 at Pascal Hall. The exhibited projects were evaluated by our chief guests, Mr. Rinse P Sambrukutty-Assistant Engineer TCS and Mr. Ashiq Shahansha –Test Engineer Infosys. Prizes for Best Project was bagged by the team “Violence Detection in Railway Coaches” from S8 CS 2, and the team “Decentralized storage drive powered by arweave” from S8 CS1.

Approach Engineering Education Professionally



Department of Computer Science and Engineering in association with CSI SB and ACE organized a Talk session for second year B Tech, CSE students on 7/6/2023. Dr. John Jose, Associate Professor, IIT Guwahati was the resource person. The presenter himself is a source of motivation to students, gave encouraging examples from his own life, and inspired students to be a self motivator. He discussed the importance of positive thinking and attitude, which brings optimism into life and can make one brighter and more successful. Faculty Coordinators: Ms. Deepthi K Moorthy Assistant Professor, Dept. of CSE Ms. Vishagini V Assistant Professor, Dept. of CSE.

CATALYST - MAR BASELIOS IEDC

The Innovation and Entrepreneurship Development Centre of Mar Baselios College of Engineering and Technology, Catalyst

created engagement through the following activities with the purpose of inspiring students to become independent engineers by exposing them to the world of Entrepreneurship through Innovation.

South Zone IEDC Meetup

IPL launch and Aspire meetup was conducted on 26.10.2022 at Travancore Hall, Technopark. 8 students attended the event. IPL launch was done by Hon'ble Speaker, A N Shamseer, after the launch he talked a few words about the differences that happened in colleges and appreciated the efforts of KSUM in providing various opportunities for students. The event was then engaged by Mr. Anoop Ambika, CEO of KSUM, Prof. Achyuth Sankar, Mr. Deepu S Nath, Managing Director of Faya, Ms. Sreekutty OU, an alumna of MBCET and co-founder of Mashi creatives delivered a strong and powerful talk in which she mentioned about the role of IEDC in molding her career. Mr. Sanju Mathew, an alumnus of MBCET and CEO of Code of Duty Innovations shared his experience in the field of startup and how he was able to reach to the level he is at today.

Workshop on Entrepreneurship

Sanna Pramod of S7 CS, the current CEO handled the workshop on Entrepreneurship 101 in the Amenity Hall. There were 80 participants in this Entrepreneurship workshop. The session started off with an introduction to entrepreneurship and by introducing a few successful entrepreneurs in Kerala and also about the journey of our alumni. The other points discussed were problems and opportunities of entrepreneurs, solutions mapping, customer segment identification, and revenue generation.

Workshop on Innovation 101

On November 9th and 10th, a two-day workshop on Innovation was handled by Mr. Arun J S, Nodal Officer of Catalyst IEDC. 82 students participated in the event. He then had a discussion with the students about innovation and its importance. He then gave a team activity for the students to identify some innovative ideas that can be implemented in day-to-day life. This session ended up with a fun event on creative thinking and ideation.

Annual General Meeting 2022

Catalyst Mar Baselios IEDC organized the Annual General Meeting for the year 2022 on 1st December at Senatus Hall. The Annual report was read by the current CEO, Sanna Pramod. Nodal Officer gave a speech and congratulated the previous Executive Committee for their contributions and achievements. Principal Dr. Abraham T Mathew, Vice principal Dr. Vishwanatha Rao and Bursar Fr. John Varghese Palanilkunnathil handed over the memento and certificates to the current and previous executive committees. The event ended with the logo launch of Tribe, the design community of Catalyst IEDC.

“IDEAVERSE idea pitching competition”

Catalyst IEDC MBCET conducted an idea pitching competition from the 17th to the 21st of December 2022. There were students from all branches and a total of 35 students registered for the competition. There was an offline pitching event later after a screening round of video pitching. The pitching was held in the IEDC lab.

Session on “Innovative Project Selection And Patenting”

Catalyst IEDC MBCET, conducted a session on Innovative project selection and patenting on 17th December 2022. The session was handled by Prof. Pradeep Raj, Head of Innovation Centre, MCET. The speaker guided the participants through

different stages of patenting and also shared some of his personal experiences on Project selection, development, and parenting. 80 participants actively took advantage of the session.

“CONVERGE” Hackathon

Catalyst Mar Baselios IEDC organized a hackathon from 18th to 19th December and 14 teams registered for the hackathon with 49 students across different branches and years.

INCEPTRA Workshop Idea Generation to Product Market Fit

Catalyst Mar Baselios IEDC conducted an Innovation workshop on Idea Generation to Product Market Fit on 14th Jan 2023. The workshop was handled by Mr. Ajay Basil Varghese, Nodal Officer, Adi Sankara TBI. He has excellent experience in the field of innovation and entrepreneurship. Every factor to be noted by a startup aspirant was pointed out by the speaker. One such important thing is an elevator pitch. The students were asked to present an elevator pitch for their product and were asked to stop once they exceed the time limit.

INCEPTRA workshop by Prof. Sarju S



The workshop by Prof. Sarju S elucidated how one could launch their own start-up in a nutshell. Prof. Sarju elaborated on how a problem could be solved using existing solutions to a specific problem and why some start-ups become a unicorn and why many do not.

INCEPTRA iTalk-2 by Mr. Gopikrishnan

Catalyst Mar Baselios IEDC conducted an italk on Progress Mindset and Perseverance on 15th Jan 2023. The talk emphasized the importance of being consistent in an entrepreneurial journey. The speaker for the session was Mr. Gopikrishnan, CEO of Builnext. He has ample experience in the field and was the right person for such a talk. The audience for the session was a mixed group of students who wanted to know more about the initial steps to be taken to be a successful entrepreneur.

INCEPTRA iTalk on Incubation opportunities for students and faculty members

Mr. Vishal B Kadam the Technical officer, KSUM gave an enlightening talk on how the IEDC incubation centers help a student to turn his dream start-up into reality. Mr. Vishal gave a brief summary of how the leading executives and investors think and how we could replicate it through persistent hard work and seeking every ounce of knowledge that comes your way.

We Have A Dream

“We have a dream” the women-exclusive workshop and idea competition conducted by Catalyst IEDC and eNIX MBCET. The workshop aimed at providing insight into the

entrepreneurial opportunities and the contributions of women entrepreneurs in society. The resource person invited was Ms. Akshaya Sita Rajesh, who is the Consultant at Kerala Development and Innovation Strategic Council.



IEEE SB MBCET

Symposium

Symposium was an online case-study presentation submission competition. The theme for the event was “Leveraging Technology for a Better Tomorrow”. The event was from the 11th to the 14th of October 2022. The presentations were evaluated by Kesia Mary Joies, chairperson(2021-22) of IEEE SB MBCET and current Product Engineer at UST.

IoT Garage

IoT Garage was conducted by IEEE RAS SBC LBSITW in collaboration with IEEE RAS SBC MBCET at LBS Institute of Technology for Women (LBSITW), Poojappura on 15th and 16th of October 2022. The boot camp provided a complete guide, hands-on experience, and a great pathway for the participants transitioning from manufacturing work to the technology field. The speakers and mentors of the event were students from Mar Baselios College of Engineering and Technology(MBCET). At the end of the session, the teams were asked to present their own ideas having IoT applications.

“Unleash”

As a part of IEEE Day Celebrations, IEEE PES MBCET conducted a poster-making competition. The theme was – “Leveraging Technologies for a better tomorrow”.

The Great Indian Women”

IEEE WIE AG MBCET conducted a quiz competition. The event saw active participation from all over Kerala. The event was aimed to spread awareness about the great women of India.

“Cybercrime Awareness and Opportunities

IEEE SIGHT conducted a webinar for students on 29th October 2022. Students were able to learn about phishing scams, malware, ransomware, and other computer threats. The event was aimed to make the students aware of such threats and also to show the wide range of opportunities available in this field.

Integration of IOT in Solar PV Systems for Performance Ratio Assessment and Interpretation

IEEE PES SBC MBCET organized a talk session on 2nd December 2022. The talk was delivered by Mr. SREERAJ S.V. The speaker discussed the new aspects of IOT and Solar PV systems. The session was very productive and interactive.

shrIEEEk

The flagship event organized for first-year students on

3rd December 2022. They are introduced to IEEE and its working through this event. The branch councilor of MBCET SB, Mr. Jinu Baby gave the students an idea about IEEE and the different opportunities associated with it. There was an interactive talk session by one of MBCET alumni, Mr. Sanju Mathew, about his experience in IEEE and the doors it has opened up for him. Different fun games were conducted for students to interact with each other.



Energy Conservation Building Code (ECBC) & Eco Niwas Samhita (ENS) Awareness Program

In association with ASCE MBCET, IEEE PES SBC MBCET organized a talk session - An initiative by Energy Management Centre. The talk was delivered by Mr. V JAYAPRAKASH. The speaker discussed the need for energy management and methods to achieve it. The session took place on 16th December.

“Biomedical Engineering - Is it for you?”

IEEE EMBS MBCET, in association with IIC and ECED, conducted a talk session on “Biomedical Engineering - Is it for you?”. The event had 3 sessions.

- Session 1: handled by Mr. Sarath S Nair, Scientist/Engineer F, BMT, SCTIMST, on Advances in Biomedical Engineering.
- Session 2: handled by Mr. Balram Sankaran, Scientist G, Founder CEO, SCTIMST-TIMed on Creating Values from your Medtech Ideas.
- Session 3: Interaction with the Students.

Annual General Meeting

The Annual General Meeting of IEEE SB MBCET took place on 15th February 2023 where the execom members were introduced for the academic year 2023-2024. The ex-com members handed over the duties and responsibilities to the new execom members.

National Seminar on Electric Vehicles

IEEE PES SB MBCET in association with the Department of Electrical and Electronics Engineering conducted a National Seminar on Electric Vehicles on 17th February 2023. A total of 73 participants were present for the seminar and eminent resource persons took seminars on various topics related to Electric Vehicles.

Poetry Panache 2.0

A poetry competition was conducted by IEEE WIE AG's of MBCET, RIT, CEV, LBSCEK as a part of WIE week celebrations 2023. Theme of the poetry competition was ‘Gender Equality’. The event was conducted online and the deadline for the submission was on 12th March.

Hassle

The debate competition was conducted by IEEE PES SB MBCET & IEEE WIE AG MBCET on 24th March 2023 at Faraday Hall as a part of Science Month. Individual topics under the broad topic of “Global Science for Global Wellbeing” were debated upon. There were a total of 12 participants.

Intellectus

The technical report writing competition was conducted by IEEE RAS SB MBCET & IEEE SPS MBCET on 29th March 2023. The theme of the competition was “Global Science for Global Wellbeing”. A total of 20 members participated for the event.

“The Role Of Sustainable Energy For A Safer Future”

IEEE PES SB MBCET conducted a talk session on by Dr. Dishore SV, Assistant Professor, MBCET on 22nd April 2023. The talk session was conducted as part of IEEE PES DAY 2023 celebrations. A total of 47 participants attended the session.

“Eco-Blogging”

IEEE PES SB MBCET also conducted a blog writing competition, “Eco-Blogging: in connection with the IEEE PES Day Celebrations on 24th April 2023. The topic was “Seeing the Unseen- We must change faster than climate change”. A total of 10 participants were present.

Enthalpy

A one-day Membership development session was conducted by IEEE Travancore Hub in collaboration with IEEE Link and IEEE Region 10 student activities committee on the 20th of May, 2023. The venue support was provided by IEEE Student Branch Chapter, MBCET. The event was a great success and more than 50+ participants were present.



The Environment day celebrations

The environment day celebrations were conducted by IEEE SBC MBCET in collaboration with IEEE PES SBC MBCET on the 9th of June, 2023. A custard apple sapling was planted in the Chapel premises by the Chair, Secretary and Faculty advisor of PES. The environment day oath was taken by the participants present.

Civil Engineering Students Association (CESA)

Sustainability Hackathon Challenge

Students of S8 CE (Devika Jose, Feba Ann Varughese, Navajith Sasi, Pallavi Premjith) guided by Dr. Jaya S V got an entry to the Final Round of Hackathon held at Ahmedabad during 28-29 April, 2023.

World Water Day

On 22nd March World Water Day, the Water Management Cell in association with the Nature Club (Prakruthi), MBCET organized a talk session based on the global campaign theme of this year, ACCELERATING CHANGE: Be the change you want to see in the world. The Speaker for the session was Dr. V. Subhash Chandra Bose, Former Director, Water Resources Department, Govt. of Kerala. Dr. Elizabeth Kuruvila and Dr. Jaya S. Pillai were the coordinators of the event.

Site Visit

A One day site visit was conducted for S8 Civil Students to study the management of projects at construction sites related to Civil Engineering Project Management. Over 70 students participated. The visit was coordinated by Dr. Jisha S V, Associate Professor, Mr. Sijo M Saji, Assistant Professor, Department of Civil Engineering.

American Society of Civil Engineers (ASCE)

The MBCET Student Chapter of ASCE is awarded a 2023 Certificate of Commendation in recognition of the activities in 2022. Mar Baselios College of Engineering & Technology ASCE Student Chapter has been selected by the Committee on Student Members to receive a Certificate of Commendation for its outstanding activities as recorded in the 2022 Chapter Annual Report. This is a distinction earned by only the top 5% of all student chapters.



ASCE MBCET - World Water Day 2023

ASCE MBCET has celebrated the World Water Day 2023 with the active participation of the students. The theme of this year is 'ACCELERATING CHANGE', be the change you want to see the world. The importance of the theme and how relevant the issue is discussed and an awareness regarding the same was given in class. The students were grouped to different teams and organized two sets of activities which included WWD Campaign and Water for birds.

ISHRAE MBCET

As part of its objectives to promote the interests of the HVAC&R Industry, ISHRAE is involved in various activities. ISHRAE reaches out to all its members and seeks their active participation & involvement in all the Events/Programs organized by the society.

Industrial Visit and Technical Talk at Trivandrum International Airport



The students of Department of mechanical engineering on behalf of ISHRAE MBCET visited Chilled water plant in Trivandrum international airport on 30-10-2023. This visit was mainly focused on to understand the procedures involved in the operation of air conditioning. Students were grouped together and Mr. Noushad Hussain, officer at the chilled water plant explained about the facilities available and how the machines were operating. He also explained about the maintenance of the equipment.

Report on Webinar: Heat Transfer in Chilled Water System

The webinar on "Heat Transfer in Chilled Water System" organized by the ISHRAE Trivandrum Chapter on November 1, 2022 with speaker as Mr. Abhilash MR, President Elect of the ISHRAE Trivandrum Chapter, provided participants with a comprehensive understanding of heat transfer principles and their application in chilled water systems. The session facilitated knowledge sharing and allowed participants to gain insights from an experienced professional in the field.

ISHRAE MBCET Chapter's Participation in Cricket Tournament Introduced by ISHRAE Trivandrum Chapter

The ISHRAE MBCET Chapter demonstrated their passion for sports and showcased their skills, securing a thrilling victory against the TKM College team. The tournament successfully achieved its objective of fostering unity and collaboration among the ISHRAE member chapters, and the event deserves appreciation for promoting a healthy and engaging environment within the organization.

GDSC MBCET

Google Developer Student Clubs are university based student communities supported by Google Developers.

Achievements

- GDSC MBCET was awarded Tier 1 status for the Web, Flutter and ML Campaign.
- GDSC MBCET was awarded Tier 1 status for the Compose Camp Campaign.

Get Set Git

GDSC MBCET conducted "Get Set Git" on 23rd October 2022 as a part of the Hacktoberfest'22. The event aimed to provide participants with an understanding of opensource project contributions and encouraged them to actively participate in the process. The facilitator for the event, Aditya S, provided a brief overview of GitHub, a popular platform for collaborative software development. They were introduced to the fundamental concepts of Git, such as version control, branching, merging, and creating pull requests.

CLOUD 9: Google Cloud Career Practitioner Campaign

Cloud 9, Google Cloud Career Practitioners Campaign (GCCP) was a month-long campaign focused on Google Cloud Technologies. The campaign provided students with step-by-step instructions on how to crack the cloud pathways. It included resource sharing and doubt clearing sessions, which were helpful for students to earn their cloud badge. Facilitated by: Aditya Krishna, Cloud Digital Leader. Dates: 15th November 2022 - 17th December 2022.

Hack.py

GDSC MBCET hosted a week-long python bootcamp from 23rd December 2022. The bootcamp focused on providing participants with a strong foundation in Python programming, exploring GUI development with Python Tkinter, and never aging public APIs to create scripts. Throughout the week, daily challenges were organized for the participants which they showcased via their Twitter handles, providing them with opportunities to apply and showcase their newfound skills. The bootcamp concluded with participants showcasing their projects, which were developed using various APIs.

Road To Success

The talk session organized by GDSC MBCET featuring Maria Viji George, a Software Engineering (SWE) Intern at Google was a valuable opportunity for students to gain insights into strategies for securing internships and excelling in coding interviews. The session included the speaker sharing her own journey and offered practical advice on how to stand out in a competitive job market.

Semicolon

Semicolon was a segway from the Road to Success session. The event took precedence over DSA concepts, competitive coding and technical interviews.

- Session 1: Semicolon Kick-off | Date: 19th January 2023
- Session 2: Introduction to DSA | Date: 14th April 2023
- Session 3: Overview on Git | Date: 6th May 2023

Community Project

The Community Project was a chance for budding web developers all around MBCET to come together to make something amazing. The callout sought out individuals who had a base of Javascript, CSS and HTML to join the making of the community project. This was a great chance for aspiring web developers to join the helm of the community project and it garnered quite the attention of many. The project built by the team would be released by the end of this tenure.

Date : Started on 1st February 2023.

Solution Challenge

The Solution Challenge Info Session was hosted by Varsha Renjith, and it provided a detailed overview about the challenge. It is a global challenge where participants have to build a team based project based on one of the 17 sustainable goals set by the United Nations. The event focused on sharing the resources and guidelines for the challenge, along with encouraging fellow participants to register for the same.



Le Debut'23

Le debut'23 was the two-day long flagship event exclusively for freshers that would bring a plethora of various domain elements in a unique combination. It focused on providing a wholesome experience to freshers of our college, helping them explore various domains, learn new stuff all the while having loads of fun. Lined up with a fantastic array of learning sessions and activities on technologies, designing, marketing & career-opportunities it helped participants gain more exposure towards. Date: 25th and 26th March 2023.

Aura Weekly

Aura Weekly is a series where every new week, a new theme is chosen. It is filled with challenges, talks, games and mini hacks. Two Aura weeks based on design and tech have been successfully completed. It is a great opportunity for the students to try out different domains to discover their hidden skills.

GDSC WoW | Regional Level Startup Conclave

GDSC WoW (Wonder of Wonders) is an annual collaborative event of 500+ GDSCs (Google Developer Student Clubs) from India, who have joined hands to bring together students, developers, and communities under the same roof. This year, GDSC WOW 2023 is going full-fledged offline with 16 hotspots across India, and Kerala is a centre of attraction.

In Kerala WOW happens over 3 regions including Calicut, Trivandrum, and Cochin. In Trivandrum, a regional-level Startup Conclave consisting of various startup accelerator workshops and pitching sessions was hosted at Digital University Kerala. Date: 28th & 29th April.

TechnoVerse

TechnoVerse powered by BETSER LIFE was a week-long hackathon-style online event focusing entirely on tech having 5-day study jams with speaker sessions, and fun activities, coupled with a 24 hour hackathon hosted in Devfolio. The hackathon received 53 project submissions with 150+ participants from all over India. Dates: 19 to 25th June 2023.

Bootcamp Verticals:

- Web Development Bootcamp: Facilitated by: Ritin George and Liya Philip, Web Developers at GDSC MBCET.
- Blockchain Bootcamp: Facilitated by: Akhil, Founder at Levantate Labs.
- Machine Learning Bootcamp: Facilitated by: Riya Mathew, Community Manager at FOSS UNITED.

Hackathon Verticals: Web Track | ML Track | Blockchain Track

ISTE MBCET

Annual General Body Meeting 2022

The Annual General Body Meeting (AGM) of ISTE- MBCET Student chapter was conducted on the 3rd of November 2022, 1 pm, at the senatus hall.

The Best faculty chapter national award was handed over to Bursar, Principal and ISTE MBCET had won the Best Faculty Chapter in the year 2021. The award was handed over to Dr. Abraham T Mathew, Principal, Rev.Fr. John Varghese, Bursar and Dr. S . Viswanatha Rao, Vice Principal by Ms. Asha, Chairman, Dr. Nidhi, National Executive committee member ISTE and Mr. Melvin Jacob. The Annual report for the year 2021-2022 was presented by Ms. Akshita Venkatesan, the outgoing Chairperson. This was followed by certificate distribution to the winners of ISTE Flagship event Best Engineer. Rev.Fr. John Varghese, Bursar introduced the new Executive Committee for the year 2022-2023 and congratulated them.

The launching of the ISTE Website "www.istembcet.in" was done by Rev.Fr. John Varghese, Bursar. The AGM 2022 was a huge success and was attended by more than 80 people. The flag bearers of ISTE MBCET student chapter are listed as follows:

- **Core team:** Chairperson: Rohan U S | Vice-chairperson: Abhilash George | Joint secretary: Aswin R B | Treasurer: Nandana T S
- **SHE team:** Head: Christa Maria Joby | Subhead: Anoushka L Nair
- **Content team:** Head: Vaishnavi Vinod | Subhead: Joel Ipe Samuel | Subhead: Nandana S Krishnan
- **PR & Media team:** Head: Abhishek S | Subhead: Deva Narayanan P K | Subhead: Aswani P P

- **Design and Web Development team:** Head: Akash Sreejith Chandra | Subhead: Preethi Manoj | Subhead: Nikitha A R | Subhead: Aneena Joseph
- **Documentation team:** Head: Aby Chakupurakal | Subhead: Krishnapriya Deepak
- **Event management team:** Head: Vinayak R K | Subhead: Joel Thomas Thazhamon | Subhead: Revand | Subhead: Swetha S



Junior Execom Selection 2022

ISTE-MBCET Chapter held a Junior Executive Committee selection specifically for MBCET freshmen. Registration for the Junior Executive Committee Selection began on Google Forms on November 7 and was open until November 9. A total of 56 responses were received, ISTE representatives guided them through the three stages. Phase 1 was a self-introduction section where participants had to introduce themselves and record themselves. Phase 2 was poster designing on the topic Kochi Biennale. The final phase was an interview conducted by Execom members and ISTE faculty in charge, Dr. Deepak G Philip.

The following are the representatives selected from each branch:

- Kiran Biju (S1 CS1) | Salin Shain (S1 CS2) | Jenna Sheik (S1 CS-AI) | Haeba Sara (S1 EC1) | Niranjan Raj (S1 CE2) | Aaron K Shibu (S1 ME1)

Reminisce - Caption Writing Competition

ISTE MBCET held a caption writing competition aimed Reminisce to commemorate Children's Day on November 14th. Following the ISTE-MBCET Instagram account @istembcet and posting the caption as a comment on the post were requirements for candidates. From S1ME1, Aaron K Shibu was chosen as the winner.

Afflatus - Poster Designing Competition

SHE-ISTE MBCET held a poster making competition, Afflatus on November 25th. The theme of the event was "End violence against women and girls". The result was announced on December 9th. The winner of Afflatus Poster Designing Competition was S7 EE1, Anakha Ajith.

Christmas Crib - Photography Contest

ISTE MBCET in association with FRAMES MBCET held a photography competition as a part of celebrating Christmas Day, Christmas Crib Photography Contest on December 25 and the result was announced on January 4th. The winners of the Christmas Crib Photography Contest were First Prize to S5 EE1 Jennifer Alosious and Second Prize to S3 CS2 Angel T John.

Novatos'23

ISTE- MBCET Student chapter conducted Novatos on 12th, 13th, and 14th of January 2023. The session was exclusively conducted for first-year students of MBCET. The event included workshops, fun events, technical tasks, invited talks, and

brainstorming sessions.

The first two days of the event were conducted online and third day was offline. The online sessions included various workshops and technical tasks. The offline session took place on the third day and involved a workshop on Blender software. Emil Ben Joseph, an alumnus of MBCET, interacted with the participants during the event. The event had about 75 registered participants. The participants were able to experience a whole new level of learning and engagement.

Perspective Talk#1

On January 17, 2023, SHE-ISTE MBCET organized a talk session called Perspective in collaboration with WSU and IIC. Ms. Priya Roy, owner of Saturday Night Diner and founder of Vathsalyam, The Kid's Place, led the session. It began at 3:30 p.m. in MBCET Senatus Hall.

The session's central theme was the wide range of opportunities in the realm of entrepreneurship. She talked about the different challenges and hardships she had to overcome in order to become the successful female entrepreneur she is today.



Universe in a Box

An Interactive talk session named Universe in a Box - The Story of Our Universe was conducted on 20th January 2023. The Chief guest/Speaker for the event was Mr. Albin P James - Science communicator, Alumni - NIT Calicut. The programme was held under the guidance of Dr. Deepak G Dilip (Faculty Coordinator - ISTE MBCET, MED), Mr. Rohan U S, Mr. Akash Sreejith.

ISTech Talk#1

ISTE- MBCET Student chapter conducted ISTech Talk On - "Bioinspired surfaces for biomedical applications" on February 10th with the Chief guest/Speaker : Dr. Deepak Patil, Department of Production Engineering, NIT Tiruchirappalli. Programme was held under the guidance of Mr. Melvin Jacob (Faculty Coordinator - ISTE MBCET, MED), Ms. Nandana S Krishnan, Ms. Nikitha AR.

It was an online event held on Google Meet at 7:30 PM with about 58 participants from all the departments. Students were also given a chance to interact with the guest and the overall event was reviewed to be positive and informative.

Trivian

Trivian was a fun and interactive activity that challenged participants to guess various locations from around trivandrum. The event was a public event that was advertised through Instagram and hosted through ISTE Instagram page and had participants from different parts of the world. There were five challenges in all, each getting more difficult over the course of the five days. Each round, an image of a location in or near Trivandrum was displayed to the contestants. Points were given to the participants according to how quickly and accurately they responded. With more than 100 attendees from various countries, the event was a huge success. The competition was an intriguing

and fun activity that offered participants the chance to discover various locations around Trivandrum.

Talk Session - Higher Studies Abroad

On Tuesday, February 23, 2023, a webinar on the subject of "Higher education overseas" was successfully held. The keynote speaker was Mrs. Aiswarya Sasidharan, branch manager of IDP Education TVM. Dr. Nidhi M. B (National Executive Council Member, ISTE), Mrs. Soumya A. V (Faculty in Charge, ISTE MBCET), Mr. Melvin Jacob (Faculty in Charge, ISTE MBCET), Ms. Nandana T. S., and Ms. Christa M. J. oversaw the program's execution. The event was held from 7 to 8 p.m., about 50 people from various departments participated online in the event via Google Meet. All of the students found the session to be educational and informative.

Perspective Talk#2

As a part of celebrating International Women's Day, On March 8, 2023, a talk session titled Perspective was held in the Senatus Hall at MBCET. SHE ISTE organized the event in association with WSU and IIC. Hema Gopalakrishnan, the speaker, is the founder and chief executive officer of Insight for Innovation, a pedagogy consultancy that supports young learners in identifying and developing their key strengths. She talked about her path and the challenges she faced on the way to become a successful female entrepreneur. A Q&A session was held after the session.

Sustathon

In collaboration with EDI, ISTE MBCET conducted the Sustainable Hackathon Bootcamp on March 27, 2023. Registration for the event began at 8:30 AM, and all attendees received welcome kits. Dr. Abraham T. Mathew, Principal, MBCET, gave the opening remarks for the bootcamp. Dr. Nidhi MB, Associate Professor, MED, MBCET, gave a general overview of the hackathon after the address. Dr. Vishwanatha Rao, MBCET Vice Principal, introduced the eminent speakers, and Fr. John Varghese, MBCET Bursar, then presented the mementos. More than 130 students from all over Kerala attended the event. Rohan U S and Akshita Venkatesan were the program's student coordinators, and Ms. Soumya AV and Dr. Nidhi MB were the faculty coordinators.



The boot camp consisted of three sessions:

- At Session 1, Mr. Krishnan Unni, CEO of Acutro Technologies, gave an informative speech on sustainable startups and discussed his own startup and its development. For the aspiring business owners, it was undoubtedly a motivating session.
- Prof. Sivan Ambutta, an EDII/EDII representative, led Session 2, in which he offered an overview of what the entrepreneurial world has in store for the eager participants.
- MBCET led an interactive discussion on the subject of Sustainable Innovations in Session 3. The lesson focused on implementing sustainable technologies and explaining why they are so important in today's society.

Perspective#3

On March 31, 2023, the SHE ISTE MBCET Student Chapter hosted a talk session. Christa Mariam Joby coordinated the event. More than 50 students attended the event. Major Vineetha R. K. Rtd. directed the session. She was formerly a professor in the mechanical department at MBCET. She discussed her journey from a teacher to a defense personnel and the challenges she faced while working in a field that was predominately male. Following the talk session, there was a Q&A session.

Health Quiz

ISTE MBCET Student Chapter held a quiz in celebration of World Health Day on April 12, 2023. Forty out of the 100 people who registered for the event actually showed up. Through the quiz website Quizizz, the event went smoothly online. The event's quizmaster was Swetha J S.

Inspire - Group Discussion

ISTE MBCET organized a group discussion on 14th April 2023 at Senatus Hall. The event was conducted by Akshita Venkatesan, S8 CSE student, who provided valuable insights on group discussion. The session was followed by an aptitude test, group discussion, and extempore. The event was well attended, with six participants actively engaging in the group discussion. After a rigorous discussion, John emerged as the winner and was awarded a cash prize of Rs. 200, while Sanjana secured the second position and received a cash prize of Rs. 100.

ISTech Talk#2

The ISTE MBCET student chapter hosted an ISTech Talk session on the subject of nanotechnology and its applications on May 19, 2023. Dr. Chacko Koshy served as the event's keynote speaker. From 7:30 to 8:30 PM, the event was held online on Google Meet. The discussion was informative. Dr. Chacko Koshy discussed the real-world applications of nanotechnology and how this discipline is developing and becoming more well-known.

NSS MBCET

NSS Unit 230 started its voyage in 2010. From then, we have been conducting various awareness and social service programmes, webinars, etc. Our college, Mar Baselios College of Engineering and Technology, our programme officers, Mr. Rejish Babu F. R. and Ms. A. V. Soumya, and other faculty members have provided support and resources for conducting these services.

Orientation Session by Mr. Aahvin Raj

On 26th December 2022, NSS Unit 230 attended an orientation session by Mr. Ashvin Raj, marking the commencement of the Prajyoth camp. Mr. Ashvin Raj is an author best known for his bestselling series 'Lies of Truth'. The session involved ice breakers followed by an insightful speech. The session highlighted the true meaning and values of NSS. After the session was over, volunteers were divided into different groups and assigned duties for the camp.

Snehaveedu Visit

As part of the outreach programs conducted on behalf of Prajyoth Camp, Unit 230 made a visit to Snehaveedu, a home healthcare service. The Unit's main aim was to clean the dormitories. The volunteers also interacted with the residents,

who were very supportive and friendly during cleaning, and enquired about their lives. After hours of immense work, the activity was successfully completed by the Unit.

Clothing and Food kit Sorting

A visit to the Kottur tribal community was planned for the 29th, and a food kit and cloth distribution was included in the agenda. The donated clothes had been collected due to the collaborative effect of the college students, in the span of one week. The volunteers spent the evening session of day 2 sorting the commodities and clothes gathered. The food kit contained rice, major pulses, salt, tea, etc. The food commodities were purchased as wholesale and equally distributed for the 50 families resided there.

Plantain Cultivation Cleaning



On 28 December 2022, Unit 230 gathered at the plantain cultivation in our college campus. The volunteers cleaned and removed weeds from the area along with volunteer secretaries Namitha and Rahul and under the guidance of program officers Revathy Ma'am and Praveen Sir.

Blood Cell Orientation Session

As a part of Awareness session conducted on behalf of Prajyoth Camp on 28 December 2022, there was a talk session about RUDHIRASENA, APJAKTU NSS BLOOD CELL conducted by Adarsh JS, Student Coordinator of blood cell. The session was about the importance of blood donation and the important information one must know about donating blood. All the NSS volunteers actively participated throughout the session. Program officers Revathy Ma'am & Praveen Sir and faculties Deepak Sir & Archana Ma'am were present during the session. The session also included a performance by the speaker and some of our volunteers.

Kottur Visit Tribal Village Visit

NSS Unit 230 visited Kottur Tribal Village on 29th December at around 11:30 AM as part of Prajyoth Camp. The volunteers were accompanied by the eminent presence of the Rev. Fr John Varghese Palanilkunnathil Bursar (MBCET), Program Officers: Ms. Revathy and Mr. Praveen J.S. Mr. F.R. Rejish Babu and Mr. Deepak Raj were also present. The food kits previously packed were distributed to 50 families of the village. Clothes collected by the volunteers were also distributed among the villagers. The volunteers performed cultural activities and interacted with the people. The Unit left the village at around 2:30 pm after which they visited Neyyar Dam for Cleaning Activities.



Neyyar Dam Visit

The volunteers reached Neyyar Dam at around 4:30 pm for cleaning. Two public parks in the vicinity of Neyyar Dam were cleaned up. Waste materials including bottles and plastic covers were collected by the volunteers and disposed. After about 1.5 hours of cleaning, the volunteers returned to college to organize other events scheduled for the rest of the week.

Orientation Session on Treetag

As a part of Social Activities conducted on behalf of Prajyoth Camp on 30 Dec 2022 an orientation session on Treetag was held. Program officers Revathy K and Praveen guided the volunteers there. The talk session was done by Althaf, ktm Idukki regional coordinator. He is also a student from Al Azhar College of Engineering & Technology Thodupuzha. He talked about various themes in relation to NRPF and various other activities conducted by NSS KTU cell.

Orientation Session by Sri. Brahmanayakam

As a part of Social Activities conducted on behalf of Prajyoth Camp on 30 Dec 2022, an orientation session was done by Shri. Brahmanayakam. Shri. Brahmanayakam Mahadevan is an Indian social activist born in Kerala, a great mentor and a socially committed international trainer to many students who had inspired people of all ages to volunteer and do good. It was a highly enlightening experience. He talked about various aspects which NSS deals with and more on its motto and value.

After the talk session, the participants were asked to do many activities which were aimed at fostering their social skills. The overall session was very valuable to the attendees. The entire session lasted for about a total of 3 hrs.

Hospital Premises Cleaning at St. John's Pirappancode

31st December 2022, 6th day of Prajyoth, NSS Unit 230 went to St John's medical village Pirappancode. St. John's Hospital provides necessary medical care to the deprived and the most vulnerable sections of the community of South Kerala. They provide special care for those suffering from leprosy, HIV/AIDS, Tuberculosis, Diabetes etc. As part of NSS Camp, volunteers visited the hospital and cleaned the premises which were full of overgrown plants. The work continued for 5 hours. The volunteers also interacted with the patients.

Orientation by Mr. Sujith

On 31st December 2022, the Unit had an enriching session from a public speaker, Mr. Sujith Surendran. The session was about developing and maintaining soft skills such as self-awareness, communication, interpersonal relationship, creative thinking, critical thinking, empathy, teamwork, adaptability etc. Each one of these soft skills were explained through activities and games which made it a very interesting, interactive session and helped to remember these skills. The program officers were also present in the session.

FRAMES MBCET

First Year Orientation

A first year orientation was held on 11th November 2022. The orientation aimed to acquaint new students with the activities and opportunities provided by FRAMES-MBCET Photography Club.

Roll Cam - Cinematography Workshop

The FRAMES – MBCET Photography Club organized a

cinematography workshop titled “Roll Cam” on 7th February 2023. The workshop aimed to provide participants with insights into the fundamental aspects of cinematography, including exposure, types of shots, camera angles, and more. The resource person for the workshop was Mr. Arfan Abdulazeez, an experienced cinematographer and editor. Mr. Arfan Abdulazeez is a renowned professional in the field of cinematography. His short film titled “The Great Depression” received its world premiere at the International Film Festival of Kerala (IFFK) in 2022. At the end of the workshop, a memento was presented to Mr. Arfan Abdulazeez by Prof. Raju K. Gopal, the Head of Department (HOD) of ITMS, as a token of appreciation for his valuable contribution to the event.

The “Roll Cam” cinematography workshop organized by FRAMES–MBCET Photography Club provided participants with valuable insights into the fundamental principles of cinematography. The event proved to be an excellent opportunity for aspiring filmmakers and cinematographers to enhance their knowledge and skills in the art of visual storytelling.



Digital Christmas Card Design Competition

FRAMES – MBCET Photography club organized a Digital Christmas Card Design Competition, providing an avenue for students to showcase their creativity and design skills. The competition aimed to select the best designs to be used as official Christmas cards for MBCET. The selected designs have been used as official Christmas cards for MBCET, showcasing the artistic capabilities of the students. The event proved to be a successful platform for fostering artistic expression and promoting the spirit of celebration within the college community.

Frame It

During the Crossroads event held on May 12, 13, and 14, 2023, FRAMES-MBCET Photography Club organized an event called “Frame it”. The event aimed to provide a platform for photography enthusiasts to showcase their skills and capture captivating moments. The “Frame it” event received numerous impressive entries, and after careful evaluation, the following participants were declared winners:

- 1st: Nandan, S8 EC2
- 2nd: Abin Jose, S6 EE2

FRAMES - MBCET Photography Club continues to foster a vibrant photography community at MBCET and encourages students to explore their creativity through various events and competitions.

ENIX

Baatcheet

e-NIX, the Department association of ECE, presented the next chapter of Alumni talk series, BAATCHEET, by our Alumnus Speaker, Ms. Aswathy S Pillai, Manager, Cyber Security, EY on November 25th 2022. Ms. Aswathy, a 2009 alumna from MBCET, shared her industrial experience. Staff coordinators:

Mr. Shiras S N, Asst. Professor ECE.

Catalyst Mar Baselios IEDC in association with ISTE MBCET and eNIX, the Department association of ECE conducted a session “Innovative Project Selection and Patenting” by Prof. Pradeep Raj, Head Innovation Centre, MBCET on December 17th 2022.

Adharva'23

Adharva'23, the annual technical fest of the Electronics and Communication Engineering (ECE) department, was held on February 10, 2023, at the college campus. The event saw enthusiastic participation from students across various engineering disciplines. The fest was inaugurated by Mr. Jithin Krishnan, a well-known scientist from the Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), who gave an inspiring talk on the latest advancements in the field of Medical Technology. The fest comprised of a diverse range of events, workshops, and competitions that effectively challenged the technical skills and creativity of the participating students. The events included “DIY with Arduino,” “We have a dream”, an event conducted in association with Catalyst IEDC, The “Learning Station” in association with GTech Mulearn, offered an engaging platform for engineering aspirants to explore and learn about diverse fields of interest. Adharva'23 was an exceptional success, providing a valuable platform for students to showcase their technical skills and creativity. The festival not only fostered innovation and entrepreneurship, but also facilitated significant opportunities for students to connect with industry experts and peers.

Faculty Coordinator: Mr Shiras S N, Asst Prof., Dept. of ECE
| Student Coordinators: Mr. Faizan Ahamed Dawood Majahar,
Ms. Sruthi N A

Baatcheet#2

e-NIX, the Department association of ECE in association with IIC, presented the next chapter of Alumni talk series, BAATCHEET, by our Alumnus Speaker, Mr. Nandagopal Harikrishnan, Firmware Design Engineer, Vinvish Technologies Pvt Ltd, on Mar 27th 2023, Mr. Nandagopal, a 2020 alumna from MBCET, handled a session on “Simplifying RTOS for Product Design & Innovation”. He is currently specialising in firmware design & development at Vinvish Technologies for embedded applications such as Optical Amplifiers, IoT & Medical devices. 59 students participated in the session.

Staff coordinators: Mr. Shiras SN and Dr. Lani Rachel Mathew (Asst. Professors, ECED) | Student coordinators: Ms. Brigitta W L (S8 EC1) and Ms. Josipha Sebastian (S8 EC2).

ProX-Final Year Project Expo

eNIX, the electronics association of MBCET, organized ProX - the final year project expo, on 29 May 2023, in the department of ECE. The exhibition showcased ingenious projects developed by the final year students of dept. of ECE. The exhibited projects were evaluated by our Chief Guest, Mr Saju Mathew, CEO, Code of Duty Innovations and Mr. Arjun Shyam, CEO, Kalpa Sustainable Lightings. The best project awards were bagged by Aishwarya Nair S, Amrutha S, Anant Nair, Ashwin K (S8 EC1) for their work titled “Intelligent Speed Adaptation by Traffic Sign Recognition and obstacle detection using Deep Learning” guided by Mr. Arun J.S., Asst. Prof., Dept. of ECE and by

Amal Anilkumar, Faizan Ahamed Dawood Majahar, Josipha Sebastian, Nandan S (S8 EC2) for their project "Development of Transit Signal Priority Module with Integrated AI Assistant" guided by Dr. Jayakumari J, HOD, Prof., Dept. of ECE. Faculty Coordinators: Ms. Deepa PL, Mr. Anoop K Johnson. (S8 project coordinators, ECE).



Workshop

SCTIMST-TiMeD, in association with e-NIX (ECED), IIC and IPR cell of MBCET, conducted a workshop on "Exploring the World of Intellectual Property & Technology Transfer", on 17th June 2023 (FN), at Shannon Hall, for faculty and students. 103 students from across branches attended the workshop. Ms. Sandhya CG, Scientist F, Technology Business Division, Ms. Indu Govind, Business Development Manager, and Ms. Bessy Titus, Intellectual Property Manager, Technology Transfer Office, TiMeD, SCTIMST, Poojapura, handled the sessions. Staff coordinators: Dr. Lani Rachel Mathew, Ms. Gouri Nandhana (Asst. Professors, ECED).

ILLUMINA

Trydan'22

Illumina, the association of the Department of Electrical and Electronics Engineering, conducted technical fest TRYDAN'22 on Saturday December 17 2022. The technical fest was officially inaugurated by Bursar Fr. John Varghese and Vice Principal Dr. S Viswanatha Rao by releasing the logo of TRYDAN and Illumina. The technical fest included workshops, technical events, competitions and non-technical events. A workshop on Vega Processor was conducted by the resource persons from CDAC, Trivandrum. A workshop on EV was conducted followed by a competition. Another workshop on career opportunities in Animation, VFX, AR/VR and Gaming was conducted by MAAC Academy, Trivandrum. The various technical events included Technophilia – an idea presentation, Machinery Mayhem – a machine assembling competition, Robosoccer and Maze runner – Arduino based competitions, Astral – a basic workshop on Arduino, and Electrohunt – a circuit debugging competition. There was also a gaming room set apart for the gamers. In connection with the Technical Fest, an EV expo was conducted in the campus set apart for the gamers. In connection with the Technical Fest, an EV expo was conducted in the campus. Electric cars from Toyota, MG Motors, Tata and electric scooters from Ather, Kinetic Green, Benling Aura and Okinawa were displayed.

TRYDAN '22 was coordinated by the Illumina Core Team under the guidance of Staff Coordinators Ms. Manju Sreekumar and Ms. Shilpa Susan Peter, Assistant Professors, EED.

Awareness Talk

Illumina organized an awareness talk on "Drug abuse" for the first year students of the Department of Electrical and Electronics Engineering on 31 May 2023. Mr. Sunil Kumar, Sub Inspector,

Excise Department, Nalanchira was the speaker. Around 90 students attended the talk. The session was coordinated by Ms. Manju Sreekumar and Mr. Anil J, Assistant Professors, EED.



Project Expo

Illumina organized a Project Expo – an exhibition of final year projects on 29 May 2023 in the Faraday Hall. Mr. Midhun M S, (Alumnus, 2016-2020 EEE batch), Engineer, Veli Research Centre, ISRO and Mr. Vishnu M. Nair, (Alumnus, 2017-2021 EEE batch), Data Scientist, Siemens were the guests for the day. Two best projects were awarded a cash prize of Rs. 3000/-.

Outreach

- Illumina in association with Women Studies Unit distributed Stationery, caps and sweets to the students of Shalom special school on 9/3/2023.
- Illumina distributed 200 lunch packets in the premises of Trivandrum Medical College on 3 April 2023. Faculty members also accompanied the team.

Hands-on Session

Illumina, the Association of Department of EEE, organized a three-day hands-on session on Arduino and Robotics for school children of 10th, 11th and 12th standards from 24 to 26 May 2023. The sessions were handled by Mr. Anil Kumar, Project Engineer, MBCET and there were 22 participants from various schools in the city.

Expert Talks

Illumina and IEEE PES MBCET in association with Global Study Link conducted a session on "Higher Education prospects in UK" for the students of Department of Electrical and Electronics Engineering on 23 January 2023.

The EV Research Group in association with Illumina, the Association of the Department of Electrical and Electronics Engineering, organized an Online Expert Talk on "Overview of EV environment and Opportunities" on 25/11/2022. The Resource person for the session was Mr. Ramesh G, Consultant, Manatec E-Drive. Coordinators: Mr. Aswin R B, Dr. Dishore S. V., Assistant Professors, EED.

AKSHARAKKOOTTAM - The Creative Writing Club

The Creative Writing Club Aksharakootam, was established to foster creative writing among students of the college and conduct talk sessions, club meetings and competitions aimed at the same. The events conducted during the 2022-23 Academic year are listed below:

I Have a Story to Tell

I have a Story to Tell was a talk session by the famous author Mrs. Khyrunnisa A. The event was conducted on December 5th, 2022 at the Senatus Hall. The author gave insights into her creative journey as a successful writer and urged students to occasionally leave behind engineering studies and focus on their creative expression.



Aksharakootam Sessions- I

The club meeting of the Aksharakootam club was conducted online on 6th February, 2023. The club members got together to discuss their favourite series of books and a short writing exercise was conducted, the stories procured through which were displayed at the Aksharakootam Notice board at College and through social media.

Fantasy Quiz

The Fantasy Quiz was conducted in the online mode from 26th to 28th March, 2023. The quiz focussed on famous fantasy book series in English with a handful of questions. The winners of the quiz were:

- First: Goury Sanal (S4 CS2)
- Second: Sethuraman R S (S8 EE1) | Angeline P Byju (S4 CS2) | Nikita Nair (S4CS1)

Sci-Fi Quiz

The Sci-Fi Quiz was conducted in the online mode from 16th to 17th April, 2023. The quiz focussed on famous sci-fi book series in English with a number of questions. The winners of the quiz were:

- First: Sanjana D S (S2 CS2)
- Second: Nikhil Girish (S6 CS) | Aswani P P (S4 EEE) | Rahul V (S4 CS2)

Grace of Autumn

Grace of Autumn was a book promotion event and poetry awareness talk session by budding poet Nikhil Thottungal, an Alumnus of the College. He talked about his debut poem collection, "Grace of Autumn", read out a few poems from the book and urged students to chase their organic thoughts in their quest to become writers or poets. The event was conducted on 30th May, 2023 at the Senatus Hall.

SAE MBCET

The SAE chapter at Mar Baselios College of Engineering and Technology, Thiruvananthapuram, is the 100th official Collegiate Chapter in the southern region. It comprises 90 student members and 2 faculty advisors. The Chapter focuses on air, road, and water transport and encourages participation in events like SAE BAJA, AERO Design, and Supra. Additionally, the chapter is engaged in building a campus utility vehicle and organizing lectures and programs.

SAE MBCET Lecture Meet

On March 29, 2023, the SAE Collegiate Club at MBCET organized a lecture event on "CAREERS AND COMPETENCIES". Mr. S Shanmugam, Managing Director of Design Desk (India) Private Limited and former SAE Chairman, delivered the keynote speech. He discussed diverse Industrial practices in the automobile industry, illustrated techniques through a design problem, and emphasized the role and knowledge of Engineers compared to drafters. The session concluded with a vote of thanks from Mr. Mobin M Mathew, SAE MBCET faculty advisor.



Student Work/Competitions (Ongoing): Campus Utility Vehicle

The SAE MBCET Chapter has come up with a Unique idea to build a campus utility vehicle. A team of 25 members was formed exclusively for this project through interviews and tests. The whole team is divided as below mentioned headings, Design, Manufacturing, Electric Drives, Cost & Material Procurement. The team members are working hard to complete their dream project by this year.

RAGAM - Music Club

66th Kerala Piravi Celebrations

The 66th Kerala Piravi was celebrated by the College Senate. The programme started with a song by the faculty members of Ragam followed by the student members who presented their talents in music during the celebrations. The following members participated:



- Angeline P Baiju (S3 CS2) | Gauri Sanal (S3 CS2) | Nandhana M (S3 ME) | Adlu Rahman (S3 CS1) | Joshua Sam Jacob (S3 CS1) | Ann Santhosh (S3 EC2) | Devasurya S (S3 EC1).

Christmas Celebrations 2022

Ragam MBCET in association with MBCET Senate conducted a Christmas programme in the college campus on 23 December 2022. The programme included a lot of participants, from first year to final year, who are Ragam members. Solo songs, Duet and band performances were presented for the programme.

Musicon

Ragam MBCET conducted a fun event, MUSICON on 20 January 2023. The event was basically a quizzical programme based on film songs. The participants were divided into 4 teams. There were three rounds of questions. The members who coordinated the event were Sophy Maria Joy (S3 EE), Jyothshna B (S5 EE1), Remya Krishnan (S5 EE1) and Rohan U S (S5 EE2). The participants consisted of the following students.

- Team 1: Nandakishore S (S3 ME) | Mohammed Adil Syedali (S3 CS1) | Aaron Thomas (S3 EC1).
- Team 2: Ganesh G S (S5 CE1) | Anupama Siby (S5 CE1) | Athena S (S5 CE1) | Bharath S Nair (S3 ME)
- Team 3: Adlu Rahman M (S3 CS1) | Joshua Sam Jacob (S3 CS1) | Abhishek Raman (S3 CS1) | Jobin P.N. (S3 CE2)
- Team 4: G Niranjan | Gautham G B | Diya Narayanan | Bharath Chandran (S5 EC2)

Winner: Team 2

CROSSROADS & COLLEGE DAY 2023

The 21st College Day celebrations and Crossroads 2023 was held on 12, 13, and 14 May 2023. The student members of Ragam got an excellent opportunity to display their talents in music on these days.

IET MBCET

Present Round the World - PATW 22

PATW is a global competition for young professionals and students within engineering to develop and showcase presentation skills. The PATW event was conducted on Oct 26, 2022, Wednesday, in Aryabhata Hall, MBCET. After shortlisting the abstracts submitted by the participants, 10 participants, included students from every year were evaluated based on their presentation skills and technical knowledge they had about the topic they presented. The judges for the event were Rev. Fr. Bitty Mathew, Dr Shobha Treasa George, Dr Veena Nair and Jobby Johnson. These students presented several socially relevant technical topics, from which we selected two winners - Faizan Ahammed from S7, EC and Josipha Sebastian from S7, EC

IET Young Professional Summit 2022

Ms. Soumya A V, IET MBCET On-Campus facilitator attended the IET Young Professionals Summit 2022 at London on 11th and 12th November. This Summit was a global meetup event sponsored by IET and was held at their Headquarters in London. The IET Young Professionals Summit is an annual event organized by the Institution of Engineering and Technology (IET), a Professional Engineering Organization based in the UK. There were a variety of workshops, presentations, and other opportunities for attendees to learn and grow as professionals.

Future Tech Congress (FTC)

IET conducted this event to create a neutral platform for sharing ideas and experiences of firms and institutions that have an impact on the way the sectors grow. Future Tech Congress was conducted in Bangalore. Our IET Execom members and many other volunteers participated in FTC accompanied by Ms. Soumya AV, Faculty Advisor of IET MBCET-On Campus. FTC offers us a futurescape of tomorrow's customers and their demands in the fields of healthcare, manufacturing, supply chain & logistics, mobility, and fin-tech. The two-day event was conducted on November 22 to November 23, 2022.

Insiet

INSIET is an event organized by the IET MBCET On Campus Chapter to raise awareness of the Institution of Engineering and Technology (IET) among students. The event took place on 16th December 2022. The IET is a professional engineering organization that aims to promote and advance the engineering and technology profession, and to inspire and engage the next generation of engineering professionals. The event featured a talk session led by Varsha Kothari (Communities Manager for IET South Asia), Gigin Duarai, (IET YP Chairman for the KKLN region), and Harshal Rajesh (IET YP Secretary of the Chennai Local Network).

Rec The Trick

Rec The Trick is a Logical Quiz conducted on 6th January 2023, for Faculty & students of MBCET. It is a quiz competition that helps in exploring wisdom and aptitude required for competitive exams. The event took place in Faraday Hall, and was coordinated by Aparna S (EEE) and Abhiram Krishna R S (ECE).

Quiz competitions can be a fun way for students to challenge themselves and improve their knowledge in various subjects.

Annual General Meet & IET KKLN Awards 2022

The 6th Annual General Meeting & IET KKLN Award Function held on December 17th, 2022, was a significant event in the calendar of the IET-MBCET On Campus Chapter. The chapter was awarded the IET KKLN Premier On Campus Award, which is an attestation to their hard work and dedication to promoting technical and professional excellence among students. The award is a recognition of the efforts made by the IET-MBCET On Campus Chapter to provide a platform for students to develop their skills, knowledge, and professional networks. Prof. Soumya A V, the Faculty Advisor of IET MBCET-On Campus, was awarded the Best Faculty Advisor Award, which is a reflection of her dedication and commitment to supporting and guiding the students. The Chief Guest of the IET KKLN, Dr. Abraham T Mathew, Principal of Mar Baselios College of Engineering and Technology, graced the occasion with his presence, adding to the significance of the event.



Doodle

The DOODLE event on January 13th, 2022, was a fun and creative experience for all the participants. The event coordinators- Jovan Mathew Thomas from ME department and Arunesh J B from EEE department did an excellent job in organizing and executing the event. The theme of the drawing competition was Geometric Arts, providing a unique and challenging opportunity for participants to showcase their artistic abilities. The competition encouraged participants to let their imagination run wild and express their creativity through various mediums such as pencil and paper or digital tools like graphics tablets.

Igniet

The introductory event for college freshmen on January 26th, 2023, was a fun and engaging experience for the participants. With a total of 51 enthusiastic participants, the event aimed to break the ice and help the newcomers get to know each other better. The event was organized by the IET Working Committee and Coordinated by the IET Core team. One of the highlights of the event was the Dreamcatcher making session conducted by Ms. Samyuktha Syam from the EEE department. Participants learned the art of creating beautiful dreamcatchers and took home a unique handmade souvenir.



Outreach 150 - Village Visit

In our pursuit of expanding outreach efforts, the core team embarked on a significant site visit following recommendations from the advisory board. Our objective is to collaborate with organizations such as UBA or KILA to extend our reach to students in rural areas. The village visit will play a pivotal role in establishing a point of contact within the community, conducting impactful awareness programs, and organizing clean-up drives.

PitchPoint-Online Presentation Competition

IET MBCET recently hosted the highly anticipated PitchPoint event, a virtual showcase of talent and innovation focused on sustainable problem-solving. This event provided a platform for aspiring students from various backgrounds to present their solutions to pressing environmental challenges. The event emphasized the United Nations' 17 Sustainable Development Goals, with participants presenting their ideas within a strict 10-minute timeframe. After careful deliberation, Faizan Ahamed emerged as the winner, and Aswin R B was recognized as the deserving runner-up.

TENZORS CLUB

The Tensorz Club is thrilled to announce that we are back in action. We have recently formed a new core team that brings together passionate individuals dedicated to achieving our club's mission and goals. Our new OB team: Sam (S4 CS1), Sophy Maria Joy (S4 EE) Sweta (S4CE2), Hashna (S4 CE2), Deanne Rodricks (S4 CS2).

We have carefully planned a series of activities that will engage students and create awareness about our club. These activities will serve as stepping stones towards larger initiatives in the future. Our goal is to reconnect with students, demonstrate the values we bring, and encourage them to join our efforts to help them develop their capabilities and become better professionals.

ORATORY CLUB

The Oratory club was formed to focus on and bring up public speaking activities in our college.

As a part of club activities a delegation of 29 students had participated in CET MUN'23. The following won awards:

- Anand Pillai (S2 CS2) - High Commendation -AIPPM
- Yash Chhalotre (S2 EL) - Verbal Mention- AIPPM
- Nandana Anand(S2 CS1) and Abhinav Dev(S2 CS1)- Verbal Mention - FSC

The core team members of our club are:

- Yash Chhalotre (S2 EEE) | Anand Pillai - (S2 CSE) | Shone C Achankunje (S2 ECE)

Faculty members are:

- Dr Veena Nair (Asst. Professor, S&H) | Dr Archana P Das (HOD, S&H) | Ms. Ammu Maria Ashok (Asst. Professor, S&H) | Mr. Vinu V (Asst. Professor, S&H).



IEEE MBCET



IET



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The Departmental Tech Fests



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Department of Electrical and Electronics Engineering



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PJ LITE CROSSROADS

The Techno - Cultural Fest of MBCET

MAY 12 | 13 | 14







ART GALLERY



Rahul V
S4 CS2



Nandhana T S
S4 CS1



Ms. Shruthi Janardhanan
S&H FACULTY



Aleena Fathima
S8 CE2



Sneha Biju
S4 CS1



Sanjana D S
S2 CS1



Aishwarya A P
M4 PCD



Darpan Yeswanth
S6 EE2



B Navneetha Krishnan
S6 EE1



Meenakshi Rajeev
S2 CE1



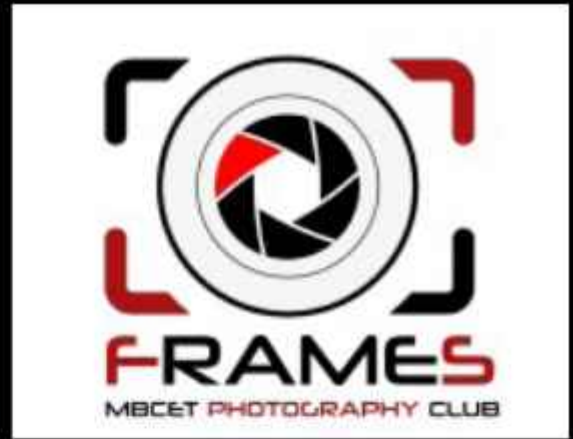
Merin Sarah Thomas
S4 EE1



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Abhinav A.J S2 EC1



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S6 CS2

Designer



Aadithya S L

S2 CT

Designer

THANK YOU.....

"Embracing the Past, Envisioning the Future."

Dear Readers, Contributors, and Well-Wishers,

As we turn the final pages of the "VIBES" we find ourselves filled with a mixture of emotions – a sense of accomplishment, nostalgia for the moments shared, and anticipation for the chapters yet to be written. This edition has been a labor of love, a canvas that reflects the diverse talents, thoughts, and aspirations of our college community. It has become a reality due to support of all the faculty and our Friends.

I extend my gratitude towards Fr John Varghese Palanilkunnathil Bursar, Dr. Abraham T. Mathew Principal, Fr. Thomas Mukalumpurathu Assistant Bursar, Dr. S Viswanatha Rao Vice Principal, for their constant encouragement and wholehearted support during the process of making of the Magazine.

VIBES became a reality due to the invaluable guidance by Dr. George Zachariah Dean(Student Affairs) whose vision for the magazine breathed into our ideas.

Thank you, Deans, HODs, Faculty Members, especially Dr. Nidhi M B (Asst. Professor, MED), Mr. Anil. J (Asst. Professor, EEED), Ms. Vijitha Robinson (Asst. Professor, CSED), Mr. Sherry Varghese George (Asst. Professor, ECED), Ms. Lekshmisree A.S(Asst. Professor, CED) Faculty Members Magazine Committe, all non-teaching staff, and friends for your unwavering support and encouragement have paved the way for this magazine's success, your guidance has been the wind beneath our wings.

We would also like to thank Jeevan Studios and all members of 'FRAMES', our photography club guided by Mr. Sherry Varghese George for capturing every moment portrayed in the Magazine.

VIBES is the unwavering commitment and tireless efforts of the Editorial and Design Team that have been the guiding stars of this journey, you have transformed ideas into reality. Your meticulous attention to detail, your sleepless nights, and your shared vision have shaped this magazine into a work of art.

As we sign off this page, we're reminded that this is not just the end, but a new beginning. The Vicennial College Magazine shall remain a testament to our unity, our dreams, and our collective pursuit of excellence. Let it serve as a reminder that as we venture into the future, the horizons of possibility are limitless.

With gratitude and excitement Team "VIBES" Signing Off.

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M.Tech Programmes

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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
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*For 2023-2024 (AICTE)

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Autonomous: 2020



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St. Mary's Press, Pattom, TVM. Ph: 0471 2446116

Printed and Published by the Editor on behalf of the Bursar and the Principal,
Mar Baselios College of Engineering and Technology, Nalanchira, Thiruvananthapuram