



Mar Baselios

COLLEGE OF ENGINEERING AND TECHNOLOGY





Malankara Catholic Educational Society

The Malankara Catholic Educational Society is the agency established by the Syro Malankara Catholic Church, to encounter the ever increasing challenges in Higher Education, in the course of its 75 years' Educational Apostolate. The Malankara Catholic Church by virtue of its very existence is destined to mould the human beings spiritually, intellectually and professionally so as to shine the divine image in them. The Malankara Catholic Educational Society has been formed to establish Educational Institutions to promote intellectually equipped and morally upright young Indians for the benefit of the community, the public and the Nation. The Society has ventured into specialized areas of Higher Education such as Engineering Technology, Medical Science, Life Science and Management Studies. MAR BASELIOS COLLEGE OF ENGINEERING AND TECHNOLOGY (MBCET) established in 2002, has emerged as a symbol of paradigm shift in the pursuit of knowledge, in its existence of a decade. This centre for Engineering and Technology is situated in the Mar Ivanios Vidyanagar upon the Bethany Hills, amidst 17 Education Institutions. MBCET has been approved by the All India Council for Technical Education (AICTE) and is affiliated to the University of Kerala. Over a decade it has been inspiring the aspirations of knowledge seekers, especially in Engineering Studies. MBCET enjoys a pride of place among the Engineering Colleges in Kerala, especially in the self-financing sector.

Founder
**His Beatitude Moran Mor
Cyril Baselios Catholicos**
the late Major Archbishop of
Trivandrum



Founder's Vision: 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. True to its motto – Duc In Altum – Leading to the Heights of Excellence, the students of our College are to strive for excellence both in their search for knowledge 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.

Patron
**His Beatitude Moran Mor
Baselios Cleemis Catholicos**
Major Archbishop of Trivandrum.
Chairman, Governing Body



The Helmsman speaks:

Mar Baselios College of Engineering and Technology has been established with a sublime objective namely to provide quality technical education based on fundamental 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.

My wish and prayer is that the College may live up to the great dreams and ideas of its founders and be an agent of social transformation.

Vision

Mar Baselios College of Engineering and Technology strives for excellence in Higher Education, Research and Support Service by employing an integral approach to education, with the purpose of forming technically competent engineers and responsible citizens who are epitomes of fundamental human values such as commitment, compassion and optimism and actively involved in creative nation building, enrichment of human existence and preservation of the dignity of life.

Mission

To transform young men and women into technically competent, socially committed and morally upright individuals who are well equipped for outstanding performance in the application of human resources and potentialities on a global dimension, and are empowered to serve humanity impelled by their unwavering commitment to the ultimate values of human existence.

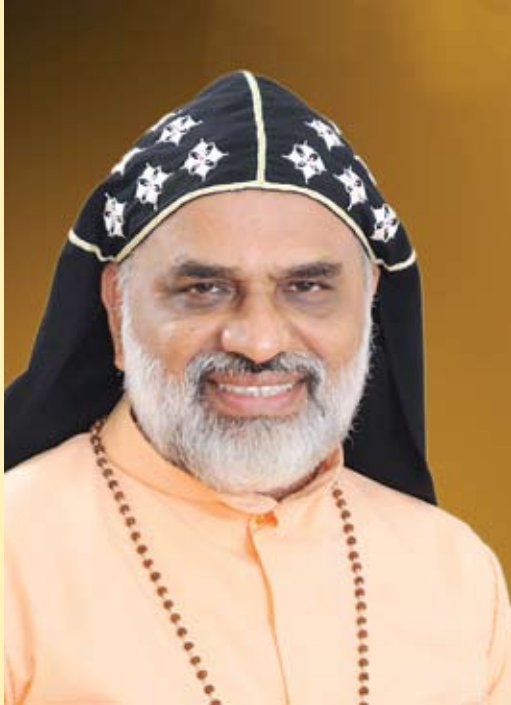
MOTTO

'DUC IN ALTUM'

Leading to the Heights of Excellence

Governing Body

▶ His Beatitude Moran Mor Baselios Cleemis Catholicos	Chairman
▶ Most Rev. Dr. Samuel Mar Irenios	Vice Chairman
▶ Rev. Fr. Nelson Valiaveetil	Member
▶ Rev. Fr. Roy George Vayalirakkath	Member
▶ Rev. Fr. Wilson Thattaruthundil	Member
▶ Dr. T. M. George	Member & Secretary
▶ John Mathai, IAS (Retd.)	Member
▶ Dr. V. K. Sebastian	Member
▶ Dr. S. Unnikrishna Pillai	Member
▶ Prof. Mary Mathew	Member
▶ V. K. Mathews	Member
▶ Toby Simon	Member
▶ Prof. K. M. Raju	Member
▶ Biju B. Varghese	Member
▶ Regional Officer AICTE	Member
▶ Director of Technical Education	Member
▶ Nominee of the University of Kerala	Member
▶ Nominee of AICTE	Member



His Excellency Most Rev. Dr. Samuel Mar Irenios

Auxiliary Bishop, Archdiocese of Trivandrum
Chairman, Synodal Commission for Education
Malankara Catholic Church & Vice-Chairman, Governing Body

An Educationist Spiritual Father shares his vision on education:

Education is the investment in Human Resource Development. It is the art of training and equipping the youth to be the builders of future, enabling them to multiply wisely and judiciously the God-given 'Talent'. The future of humanity will be bright only if intellectual, emotional and spiritual evolution is ensured through education. Mar Baselios College of Engineering and Technology rightly employs the studies in Engineering & Technology as a tool for the same.

Let the decade-old endeavour of Mar Baselios College of Engineering and Technology in the pursuit of knowledge be ever fruitful, contributing to the enhancement of human dignity.



Rev. Fr. Wilson Thattaruthundil

Bursar

Mar Baselios College of Engineering and Technology offers you the best-in-class environment for educational pursuits in an eco-friendly campus, the most congenial atmosphere for studies in neatly maintained class-rooms in aesthetically designed buildings, well-equipped laboratories, state-of-the-art computer labs, central computing facilities, full fledged workshops with experienced and service minded personnels; homely hostels for students and the services of experienced and committed faculty. The College is situated amidst renowned academic institutions in a verdant and serene campus in the Mar Ivanios Vidyanagar on the Bethany Hills. MBCET aims at the integrated development of the students through academic cultural, physical, moral and spiritual enrichment. Every effort is taken to provide the students a personalized engineering-learning experience to match the interests and commitment of our students in a milieu fostering Christian values and tradition based on faith in the Almighty. Value-based pursuit of knowledge is encouraged at MBCET so as to mould professionals on a par with global standards. Young Engineers at MBCET are trained to be the architects and engineers of a welfare society.



Dr. T. M. George

Principal

Welcome to Mar Baselios College of Engineering and Technology. Situated in the stunning idyllic natural surroundings in Bethany Hills, amidst a cluster of well known academic institutions, the College is well known for its academics, excellent infrastructural facilities, state-of-the-art laboratories and workshops, student amenities and discipline. In MBCET, you will discover not only engineering excellence but opportunities to avail oneself from a huge array of co-curricular and extracurricular activities. Students have opportunities to participate in the College's innovative and entrepreneurial programs, Softskill development programs, community outreach programs and value addition courses to augment their employability skills. Our goal is to position our graduates to be capable problem solvers, communicators and technological leaders of a global community.



Prof. K. M. Raju Dean (Administration) and HoD, Mechanical Engineering

Prof. K. M. Raju after his post graduation in Engineering from the University of Kerala rendered over 40 years of service in teaching and administration. He served as the Professor and HoD, Department of Mechanical Engineering at the College of Engineering, Trivandrum and also as Principal at the Engineering College, Adoor, from 1999 to 2002. He joined Mar Baselios College of Engineering Technology in October 2002.



Prof. M. K. Giridharan Dean (Academic) and HoD, Electrical and Electronics Engineering

Prof. M. K. Giridharan had his education at REC Calicut and the Indian Institute of Technology, Kharagpur. He has served as Professor in Electrical & Electronics Engineering at College of Engineering, Trivandrum, as Joint Director (Engineering Consultancy), LBS Centre for Science & Technology, Trivandrum and as Electrical consultant to Sree Chitra Tirunal Institute for Medical Sciences & Technology, Trivandrum. He has about 40 years of experience in teaching and consultancy services.



Dr. Sakuntala S. Pillai, Dean (R & D)

Dr Sakunthala S. Pillai was the Professor and Head of the Dept. of Electronics & Communication, College of Engineering, Trivandrum. She worked as Principal Scientific Officer at the Science & Technology Department, Govt. of Kerala and the Director, LBS Centre for Science & Technology. She has produced two Ph. Ds and is now guiding three students for Ph.D. Dr. Sakunthala has published about 40 papers in National and International Journals and Conference Proceedings.



Prof. Paul Thomas, Dean - Post Graduate Studies

Prof Paul Thomas completed his B Sc (Engg) and M Tech from University of Kerala. He was the Professor-in-charge of M Tech programs at Amal Jyothi College of Engineering, Kanjirappally. He has over 32 years of experience in Research, Industry and Teaching. He was Scientist in Vikram Sarabhai Space Centre for 20 years, and held positions as Manager in IBS Software, Senior Manager in US Technology and as Delivery Head of IM Software, Kochi. He has chaired sessions in several National and International conferences.



Civil Engineering

Prof. Dr. A. Komalavalli Amma B.Sc(Engg),
M.Sc (Engg), ME(WRD), Ph.D.



Computer Science & Engineering

Prof. K.O. Koshy, B.Sc., B.Sc.(Engg), M.Tech.,
MISTE



Electronics & Communication Engineering

Prof. S. Viswanatha Rao, B.E., M.E.



Information Technology

Mr. Biju B. Varghese, B.Tech., M.S.



Science and Humanities

Prof. Kunjunjamma Chacko, B.Sc., M.Sc.



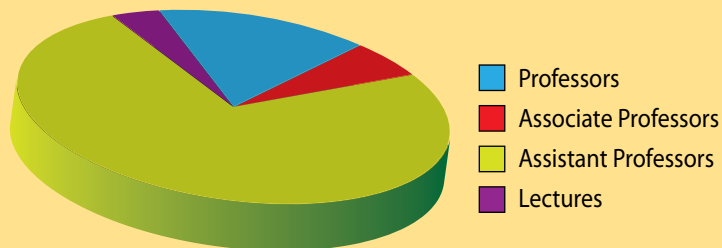
Physical Education

Mr. Joji Varghese, B.P.E., M.P.E.

Faculty

The dynamic spirit of the members of the faculty is the backbone of the Institution. Their experience and yearning for knowledge ignite the passion for learning in the hearts of the students. Their open mindset facilitates the learning process.

The team is the right blend of Professors, Associate Professors and Assistant Professors.



Technical Staff

The state-of-the-art laboratories and workshops of the various departments are managed by a team of experienced technical staff. They provide practical training in laboratory sessions and nurture the professional skills of the young budding engineers



Fr. Raju Parukoor
Assistant Bursar



Bro. Sunny Philipose
Campus Co ordinator



Results

MBCET stands at the top in B.Tech results among the self-financing Engineering Colleges affiliated to the University of Kerala, over the years. Details are available on the University website, www.kucc.keralauniversity.edu

Programmes Offered

B.Tech.

Civil Engg.
Computer Science and Engg.
Electronics and Communication Engg.
Electrical and Electronics Engg.
Information Technology
Mechanical Engg.

M.Tech.

Telecommunications Engg.
Power Control and Drives
Computer Science and Engg.
Machine Design
Structural Engg.



How to reach

The College is situated among 17 Educational Institutions in the Mar Ivanios Vidyanagar on the Bethany Hills, Nalanchira, on the side of the M C Road, 8 km from the Trivandrum Bus Station and Railway Station. It is 15 km away from the Trivandrum International Airport.

Library

The mission of the central library is to facilitate creation of new knowledge through acquisition, organization and dissemination of knowledge resources and providing for value added services. The library has developed an excellent collection of books, journals and non-book materials in science, engineering, technology, humanities, social science and management. It maintains separate collections of reference books, standard, bound volume of journals, technical reports, CD-ROMs, DVDs etc.

Books are classified and arranged well as per Dewy Decimal Classification (DDC), so that members can locate books easily. In addition to the central library there are departmental libraries for all departments. The library is computerized. The circulation system [Issue, Return, and Reservation] is based on barcode system.

Apart from the conventional library, the library has a digital library which contains sufficient digital documents such as E-Books, Journal articles, technical reports, project reports etc.

The MBCET library procured access to 5 more E-journals packages viz. Elsevier's Science Direct, Springer link, McGraw Hill's Access Engineering, ASTM Digital library, Informatics J-Gate Engineering & Technology (JET), besides the existing 3 packages viz IEEE, ASCE & ASME. The above E-resources can be accessed through the campus-wide fiber-optic network to all computers in the institute.

Infrastructure

The Campus is spread over an area of 12.5 acres upon the Bethany Hills in aesthetically designed blocks with a total built up area of over 37800 sq. m.

The Mar Ivanios Stadium spread over 5 acres fulfills the need for sports and athletics activities of the Institution.



Hostel

Accommodation is provided for 270 students in the Mar Aprem Hostel for Men, which is under expansion. The Ladies Hostel run by Rev. Sisters provides facility for 120 students.

Central Computing Facility (CCF)

A central computing facility is maintained to cater to the general computing need of both students and teachers. High speed broad band connectivity also is available to the users.



Scholarships

Various scholarships motivate the students to improve their performance. NCERT – National Talent Search Scheme, National Merit Scholarship, District Merit Scholarship, Merit cum Means Scholarship to Minority Community Students, Centre Sector Scholarship Scheme & University Merit Scholarship are real incentives to the students.

Awards

- ▶ **Best-All-Rounder Award:** One student each from the departments, who excels in academics and extra-curricular activities, will win the award.
- ▶ **Proficiency Award:** Students with the highest marks in the University Examination in the previous two semesters are eligible for the award.
- ▶ **Perfect Attendance Award:** Students who secure 100% attendance in the previous two semesters will win the award.

Cafeteria

Canteen and Cafeteria provide vegetarian and non-vegetarian food and snacks on all working days.

Transport Facilities

College buses are available for the students and the staff. Bank and other communication facilities are available on the campus.

Amenities Centre

The three storied Students' Amenity Centre houses a large auditorium suitable to conduct large scale tests and recruitment drives and separate rooms for group discussions and interviews. It also houses a store, gymnasium and facilities for badminton, basketball, table tennis, etc.



Decennial Celebrations

MBCET completed 10 years of yeomen service in the field of Technical Education. The Decennial Celebrations were inaugurated by the Hon'ble Chief Minister of Kerala Sri Oommen Chandy on 20th July, 2011



Events organized/being organized:

- ▶ National Conferences (i) Advances in Civil Engineering, (ii) Applied Linear Algebra and Transform Techniques
- ▶ Faculty Development programmes
- ▶ Student's training/technical programmes
- ▶ Alumni Interaction: Back to Campus and
- ▶ Social Service activities: Construction of houses for the homeless, Visit to orphanages/destitute homes, extending support to Palliative Care Unit and Charity work.

Upcoming Event

International Conference on Green Technologies-ICGT12

IGCT12, jointly organized by MBCET and University of Dayton, USA, will provide a forum for presenting and discussing innovative energy conserving designs, new and alternative technologies, architecture, protocols and management on a broad range of topics in five parallel tracks. The conference sponsored by IEEE, CSI, UST Global, Green Building Council of India, Indian Concrete Institute and many more is scheduled to be held in December 2012. More details are available in the website: www.icgt12.org.

International Tie-Up

MBCET in its endeavour to ensure excellence on a par with global standards has entered into a tie-up with the University of Dayton (UD), USA.

It opens fresh avenues for MBCET Graduates and Faculty:

- ▶ Do the Higher Studies in UD
- ▶ Pursue Doctoral Programme at UD
- ▶ Research and Conference Collaborations



MBCET Journal of Research envisages fostering and promoting research activities to achieve academic excellence among teachers and students. The journal offers opportunity for publication of papers in all major branches in Engineering. The first edition of the journal was released on 23 January 2012 by the Patron, His Beatitude Moran Mor Baselios Cleemis Catholicos and was received by Padmavibhushan Dr G Madhavan Nair, the former Chairman, ISRO



Department of Science & Humanities

The Department of Basic Sciences aims to provide a strong foundation in the fundamental sciences, the basic tools of analysis as well as the knowledge of the principles on which Engineering is based. The department also strives to instill the scientific temper and the spirit of enquiry in students.

A team of dedicated teachers strives to provide a strong foundation on the fundamentals of sciences, thereby building a conceptual framework on which the whole engineering curriculum is based. The department offers basic courses in Engineering Mathematics, Engineering Physics, Engineering Chemistry, and Humanities.



Department of Civil Engineering

Aims to provide technical expertise to students to be qualified professionals to excel in civil engineering practice or research and to develop the ability to formulate and produce engineering designs and implement them suiting to the requirement with consideration of functionality, aesthetics, maintenance, safety, cost-effectiveness, and environmental sustainability. The need for well-trained Civil Engineers is critical in the contemporary scenario. Civil Engineers are equipped to address the problems of tomorrow as well as the challenges of today. Department of Civil Engineering is a vibrant place of learning, where students pursue their educational interests in order to lead the next generation in transforming the disciplines of Civil Engineering. Students have access to state-of-the-art facilities and laboratories. They also have opportunities to earn valuable experience in the field through value added courses conducted in the department.







Department of Mechanical Engineering

Mechanical Engineering is one of the oldest, broadest, and best-established of the Engineering disciplines. Simultaneously, the discipline is also constantly changing and evolving in response to new scientific discoveries and societal needs. The department focuses on imparting a solid theoretical foundation across a vast spectrum of technologies in parallel with hands-on work experience. Highly equipped laboratories and numerous industrial visits as part of the curriculum help to bridge the gap between man and machine.

The Department strives to pass on scientific, technical and professional knowledge to youth, combined with the necessary practical training and industrial exposure in developing the material resources of the Nation.

Department of Electrical and Electronics Engineering

Electrical & Electronics Engineering is an exciting and dynamic field which deals with the generation, transfer and conversion of electric power with the aid of electronic circuits and computer systems. The Department holds expertise in various fields of specializations, such as Power Electronics, Power Systems, Electrical Machines, Control Systems & Electronics. The Department actively engages in updating its technical skills & knowledge and foster industry - institution interaction through various technical activities of the Electrical Association-'ILLUMINA'

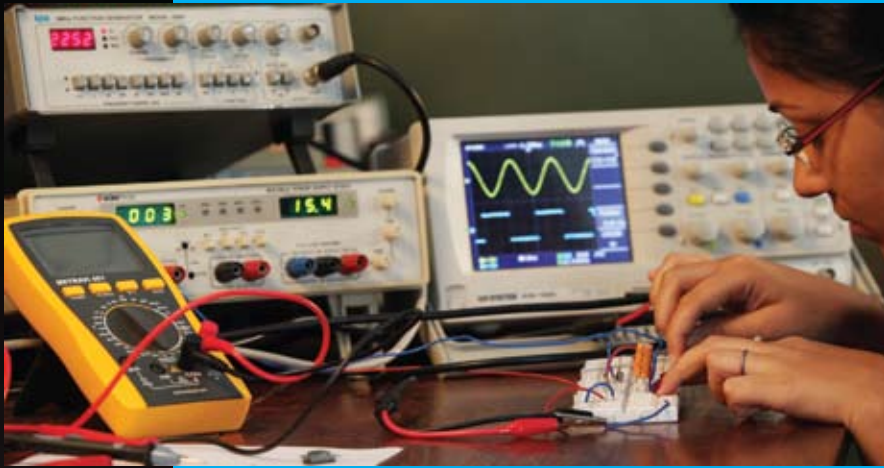




Department of Computer Science

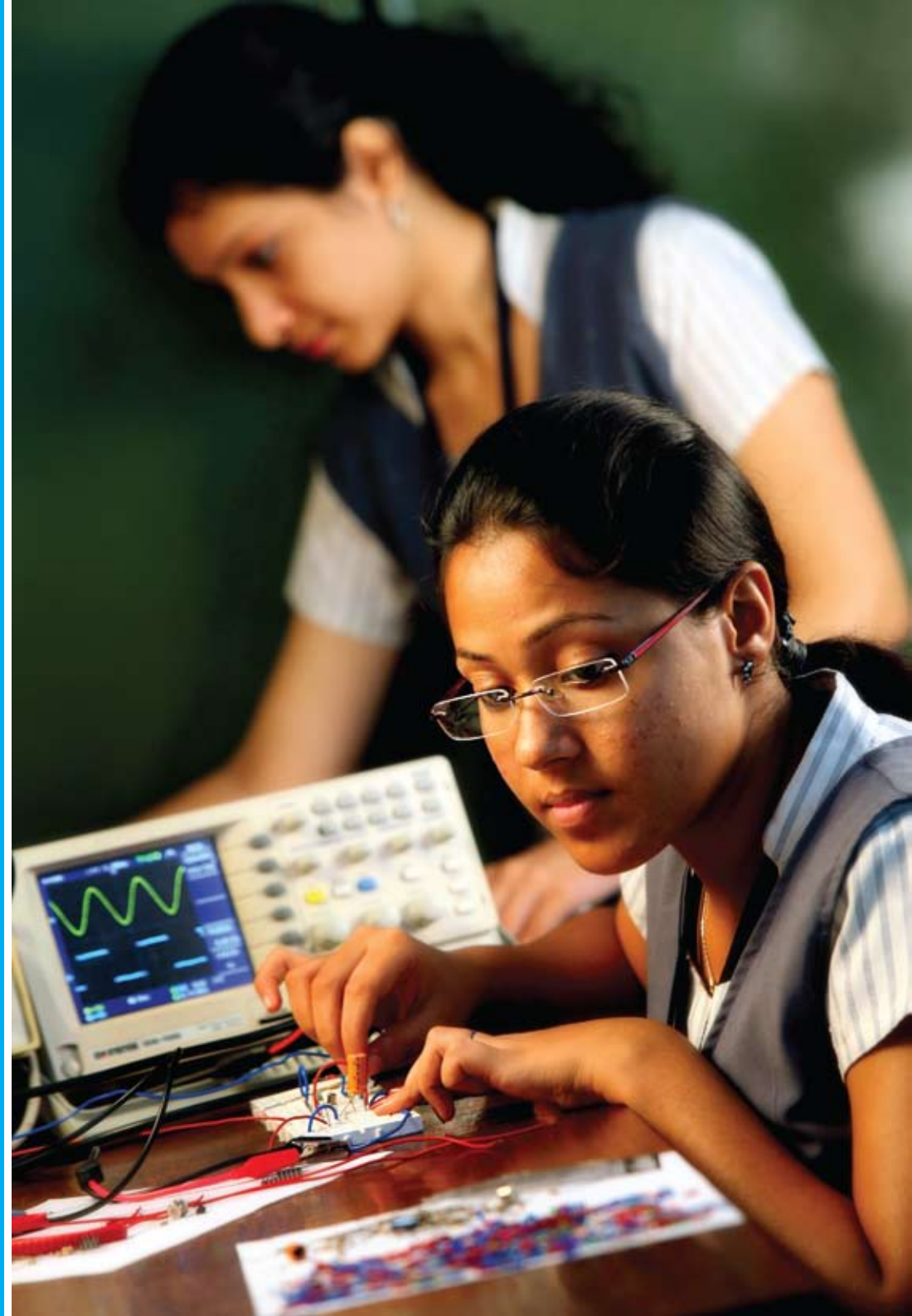
Department of Computer Science and Engineering was established in the year 2002, with the objective of imparting quality education in computer hardware and software systems. The students are not only trained to achieve excellence in academics but are also encouraged to acquire industrial exposure through industrial visits and projects. This makes the transition from an educational institution to the industry effortless. The Department aims to enhance their general skills in logical and analytical understanding and produce high quality technology based professionals. We ensure that students graduate with substantial knowledge of a broad class of problem-solving techniques such as algorithms, heuristics, and design techniques.





Department of Electronics and Communication Engineering

With the emerging technology becoming ever-increasingly complex, there has never been a more exciting time to pursue a degree in Electronics and Communication Engineering. The program is designed to give the students both the theoretical and practical background in all frontier areas of Electronics and Communication so that they are constantly aware of the rapid changes taking place in this field. The Electronics & Communication Engineering Association is very active with the full participation of the students of all semesters. Invited lectures by experts drawn from industries and academic field are arranged regularly.



Department of Information Technology

The importance of Information Technology is well established now with the demand for experts in the field increasing not only in India, but abroad as well. The IT department provides students with an experience that will directly prepare them for employment in the IT and ITeS sector and is committed to disseminate the most up-to-date drift in software industry. The department strives to strengthen collaborations and establish bonds with reputed institutes and industries.



Department of Physical Education



The Department aims to provide adequate physical education facilities that are wholesome and attractive so as to ensure a sound mind in a sound body. While coping with the pressures of studying, one needs to be healthy both emotionally and physically. MBCET emphasizes the importance of sports as an integral part of the curriculum. We envision to produce National & International players, by providing hi-tech sports facilities to the students. Several accolades and prizes won at the University and State levels stand testimony to the efforts of the college for channeling student performance towards excellence. A fully equipped gymnasium is also functioning in the campus.



AND TECHNOLOGY

IN ALTUM

12

10



Co-curricular Activities

Special emphasis is laid on extra-curricular activities. A Talent-Data-Bank is created with a view to promote the talents of the students. The College Team has won Runners-up Trophy in the University Youth Fest – 2012. Every year the College Team wins in several other Inter Collegiate Festivals. Financial Assistance and Scholarships are given to exceptionally talented students.

Sports & Games

The physical Education Department gives the necessary support in this regard. The Amenity Centre with the plinth area of 3000 sq. m. houses the indoor courts for shuttle, Badminton, Basket Ball, Volley Ball, Table Tennis, Billiards, etc. The MBCET Basketball Team wins several Trophies every year and has attained a pride of place. The College Team has been the winners in Table Tennis (Men and Women), Chess, Shuttle Badminton, Lawn Tennis and Basketball.

Out-Reach Programmes

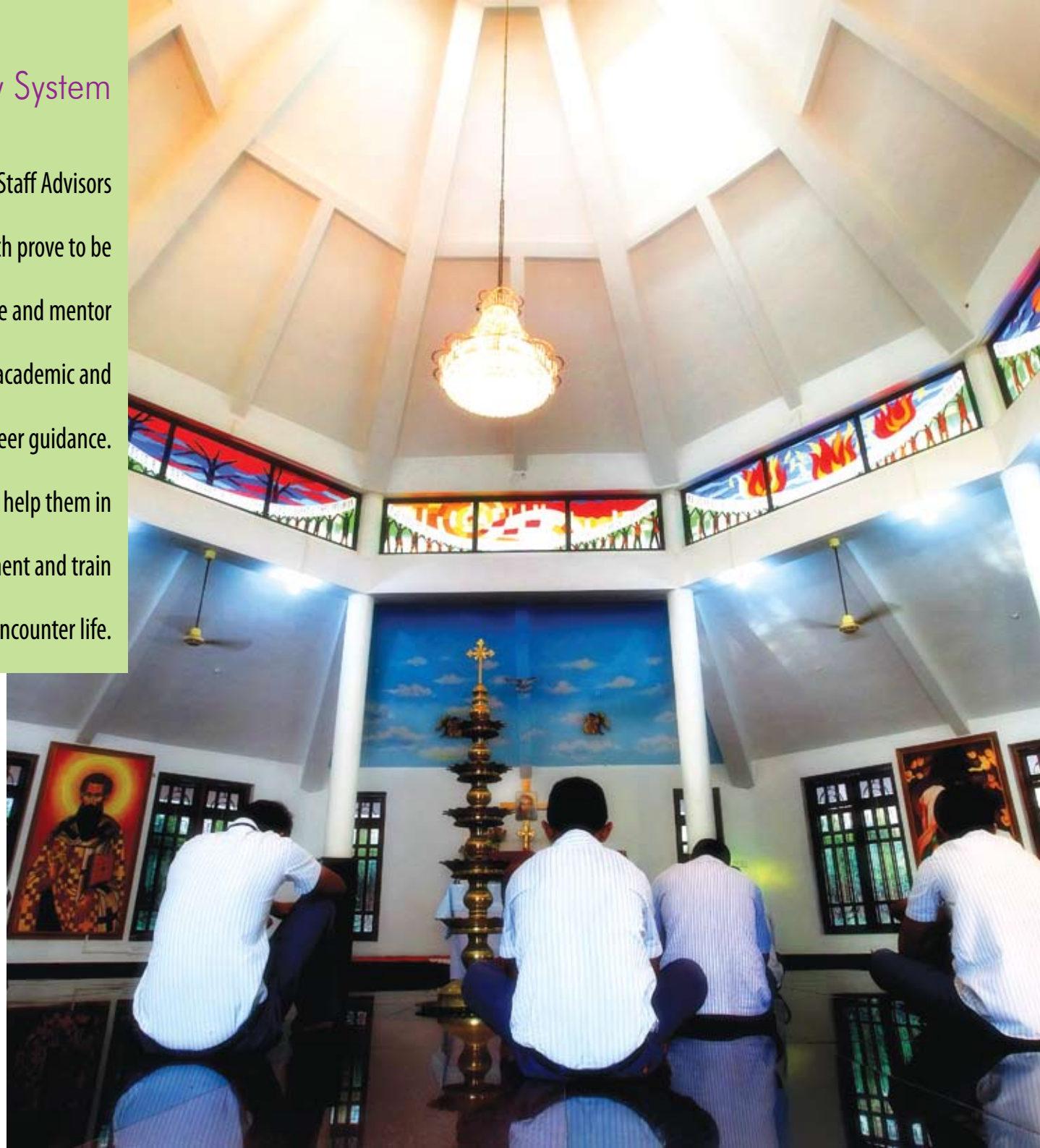
Thanal, the social service forum piloted by the Civil Engineering Department renders yeoman service to the less fortunate and the down-trodden in the society. The major work of **Thanal** is the 'Housing Project', under the 'Home for the Homeless Scheme', Visit to Old Age Home, Programmes for Palliative Care, Medical Camps and such social service activities.

Advisory System

The Staff Advisors for each batch prove to be their guide and mentor who give them academic and career guidance. They help them in stress-management and train them to encounter life.

Spiritual Formation and Value Education

St. Basil's Chapel, erected in the shape of a bell, under the Buddhist influence by the Founder, offers a centre for quiet worship and meditation for all. The Jesus Youth MBCET wing conducts regular prayer meetings. Every year a short term Yoga Course is conducted besides the Yes!+ Course under the Art of Living Programme.





Infrastructure and Maintenance

The architecture and future expansion plans are estimated and carried out by the Infrastructure and Maintenance section. The team's expertise is evident in the efficient, space-conscious and at the same time elegant design of our campus

**Head : Prof. P. S. Abraham B.Arch., MCPAIIA, AITP, MISTE.
Architect and Town Planner**

IT Management and Services

The ITMS effectively manages the IT infrastructure facilities and provides quality IT services to the institution.

Head, ITMS: Biju Varghese, B Tech, M S (USA)

Counseling Centre

To support the social and emotional issues and for academic planning, students can seek the support of the counselor. The counselor works in close coordination with the departments and parents, thus ensuring smooth functioning of the counseling activities.

Student Counselor: Dr. Shobha Theresa George Ph D, MFT, CHT, CPT (USA)

Administrative Office

The Office administration comprises the Finance, Human Resources, Student Affairs, Purchase and Stores sections. The office administration is efficiently coordinated by the Office Superintendent.

Superintendent: Kuriakose V. K.



PLM Centre

The college is pursuing the status of “Dassault Systemes Academic Partner” as a Product Lifecycle Management (PLM) Centre of Excellence. Such an initiative is first of its kind in Kerala. MBCET is the only Institution to have a tie-up with Dassault Systemes, providing world class training programme in CATIA. The certificates are issued by the DASSAULT SYSTEMES.



Campus Connect

Academic – Industrial Collaboration

Campus Connect is an ongoing unique academia-industry-partnership initiative. Students undergo the Foundation Programme Training given by the faculty members trained by Infosys.

Innovation & Entrepreneurship Development Cell

Educating and training students for developing entrepreneurial capabilities through positive training interventions is the core strategy of Innovative and Entrepreneurship Development Cell. The Cell aims to boost innovative ideas and creativity.

Coordinator: Hari Venkit, M.Tech.

Quality Assurance Cell

The QA cell aims to enhance existing provisions for continuous improvement in the quality of our academic system. The cell develops long term and short term strategic plans for institutional growth in the areas of Teaching and Learning, Research, Infrastructural facilities, Governance & Administration, Human Resource Development and Community Relationship, benchmarking with Institutions of National/International reputation. The activities of the cell are coordinated by the Principal.

Consultancy Cell

Extending its reach to the surrounding society, Centre for Continuing Education (CCE) has started a consultancy wing, engaging a senior Professor at its helm. The centre is acting as consultant to various Government and Private Organizations carrying out design, testing, survey and other related projects.

Coordinator: Prof. P. N. Mohan, B Sc (Engg), M.Tech., MISTE.

MBCET has entered into a tie-up with the UST-Global to provide training to enhance the student's employability skills.







Research Project

The Kerala State Council for Science, Technology & Environment Engineering & Technology Programme (KSCSTE) has sanctioned Rs 11.6 lakhs on the project proposal "Investigation on the Corrosion Performance of Blended Cement Concrete by Incorporating Recycled Concrete Aggregates" submitted by S. Jayasree, Asst. Prof., Dept. of Civil Engg.

Energy Audit Cell

Energy Audit Cell aims to take-up projects and consultancy in energy related areas. It seeks to find out methods to reduce the energy consumption. The Cell encourages the use of more 'Green Energy' and limit the usage of fossil fuel.

Coordinator: K. S. Venkatesh, B.Tech., MBA.

Publication Wing

This wing takes care of the various publications in the College.

The students of MBCET give vent to their talents in creative writing through the College Magazine and the Department-wise publications. In Altum..., the MBCET News Letter is published on a regular half-yearly basis.

The MBCET Journal of Research is published annually, compiling research papers of the Faculty Members and the Students.

Alumni Association

Mar Baselios College of Engineering and Technology Alumni Association, MBCETAA is a platform for the former students to be in touch with each other and their Alma Mater. The association meets and shares its innovative ideas and thoughts for the development of the college. The annual meet of the association will be held during the *Crossroads* every year

Students Senate

The Students Senate organizes and conducts various technical and cultural events in the college. Every effort is made to develop the creative and artistic talents of the students and to mould them as well rounded personalities. The Senate successfully organizes Crossroads, Fresher's Day, Celebration of festivals like Onam, Christmas and such events.

Student Chapters

Computer Society of India (CSI)

Computer Society of India, established in the year 1965, is today the largest IT professional society in India. The CSI Student Branch of Mar Baselios College of Engineering & Technology has proved itself to be the biggest student branch in Kerala. The CSI branch has been awarded the prestigious "Best Student Branch" Award in 2010-11 and 2011-12 for excellence in student activities.

The Indian Society for Technical Education (ISTE)

ISTE is a society of academicians from the field of Engineering Education since 1976 with the objective of improving the quality of technical education. The college is an institutional member of the ISTE since 2005. Several Programs were organized by the Student Chapter of ISTE over the years.

Institute of Electrical and Electronics Engineering (IEEE)

The student branch of IEEE in MBCET, which comes under the Kerala Section in Region 10, has been very active in organizing and participating in various technical events associated with the IEEE. All Kerala Young Scientist, Meet the Corporate, Paper Presentation and Robo-Soccer are some of the events organized by the branch. Green Dream, a movement to adopt measures that will lead towards a greener world, was conceived and propagated by student members of IEEE MBCET and supported by the Indian Youth Climate Network. WIE care, a novel program to give awareness about science and engineering to underprivileged children, especially girls, was initiated by student members of IEEE MBCET.



Ms. Deepthi Anna George, S8 CS: recipient of the 'Richard E Merwin' Scholarship of \$ 2500 instituted by the IEEE Computer Society. She has been chosen as the student Ambassador of the IEEE Computer Society for the Asia Pacific region

NASSCOM

The Executive Council of National Association of Software and Services Companies (NASSCOM) conducted an interactive session with students on 30th September 2011 at MBCET.





Crossroads 2012

where talent meets the talented...

Crossroads is a National Level Inter Collegiate Cultural and Technical Fest which provides a platform for College Students to showcase their talents. It provides an arena where talent meets the talented. Crossroads 2012 showcased 53 Technical and Cultural Events and contests from 23 to 26 February 2012.

This year OFFROADZ, an Auto-Expo piloted by the Department of Mechanical Engineering added a new dimension to the Crossroads.



Mar Baselios Youth Excellence Award



Anu Kuncheria of College of Engineering Trivandrum, receives the 2010 award.

Mar Baselios Youth Excellence Award has been instituted in honour of the Founder of MBCET, the late His Beatitude Moran Mor Cyril Baselios, the Major Archbishop Catholicos. True to the spirit of Founder's vision, the award is intended to identify and promote the pursuit of excellence among the outgoing Engineering Students of Kerala. The award comprises a prize money of ₹ **One Lakh, Certificate and Memento.**



Hanna Paulose of Mar Athanasius College of Engineering, receives the 2011 award.

Exodos

'Exodos', exclusive to MBCET marks the Course Completion Ceremony of the Graduands. MBCET Engineer's Oath Taking, Distribution of Course Certificate and Passing the Torch make the occasion a solemnly grave occasion to mix up memories, nostalgia, a sense of fulfillment and tradition. A new batch of Engineers, the ambassadors of MBCET march out on this occasion.

Exodos: The exit song of Greek plays





Basketball Team

Winners of Kerala University Tournament, Amal Jyothi Tournament, Viswajyothi Tournament, St. Mary's Tournament, YMCA Alappuzha Tournament, Mar Baselios Tournament and Runner up in Mar Ivanios Tournament 2011-12.



Winners in table tennis women, Kerala University 2011-12



Winners in table tennis men, Kerala University 2011-12



Runer-up in shuttle badminton women, Kerala University 2011-12



Secured 3rd position in team championship and doubles championship for Lawn tennis men, Kerala University 2011-12

MBCET is proud of them



Ashin Xavier Philip (S8 ME) got selection in the Senior Indian team coaching camp. He also represented Kerala State for the All India Senior Basketball competition



Neethu Ninan (S4EC) secured third position in the South Zone inter University shuttle Badminton tournament.



Winners in chess women, Kerala University 2011-12



Deepa Rose Francis (S6 CS), Individual Champion in the Kerala University Women table tennis competition



Mufti Nujum (S8 CS), participated in the South Zone Inter University Kho-kho competition

Kerala University Youth Festival 2011-12



Western Vocal Group – First



Margom kali – Second



Ganamela – Third



Vishnu Vijay (S12) the pride of MBCET won 16 points. He got first in Bharathamatyam (male) and Ottamthullal (male) second in kuchupudi (male) and kathakali (male)



Gopika M.S. (S1S2) EC
First in Elocution
English



Nandakumar S.R.
(S8 CS): first in Essay
Writing Malayalam



Michael Teddy
Fernandez (S8 IT): first
in western solo



Immanuel Henry
(S4 CE): third
in the Asianet
Idea Star Singer
contest, first in
Light Music and
third in classical
music



Aswin P. Kumar (S4 ME) and Ruben S. Jones (S8 ME)
English Debate – second



Lydia Sebastian (S8 CS)
Fancy Dress – Second



Neethu Suresh (S12 CE)
Bharatanatyam – second



Vidhya Varma E. (S8 IT)
violin second

The First Time Achievement



The MBCET Team won the Runners up Trophy Kerala University Youth Festival Competition 2011-12 with 72 points

Say No to Plastics



As a propaganda against the use of plastics, the students of MBCET made 1102 paper bags in 2 minutes to find a place in the Limca Book of Records

Performance Par Excellence in the Civil Services Examinations 2012



Akhilesh B Varrier
2009 Batch, ME
239th Rank



Gayathri Krishna B
2006 Batch, CSE
433rd Rank

Congratulations!

Training and Placement Unit

The Training & Placement Unit (TPU) of MBCET plays a vital role towards arranging softskill training programs, workshops, seminars, making arrangements for various aptitude tests, competitive exams, guidance & counseling classes and securing placements for students in reputed firms. Our broad educational mission to develop students with sound academic and intellectual competence linked with increased skill levels to a well rounded personality has attracted a number of multinational companies into the campus for campus recruitments. They include Infosys, Cognizant Technology Solutions, L&T Infotech, Wipro, Accenture, UST- Global, Ernst &Young, Satyam Computers, Slash Support, Agile Technologies, IBS, Syntel and NeST. Our placement history stands tall among the Engineering Colleges in this region.

Placement Consultant :

Prof. Varkey Philip

Placement Co-ordinator:

Mr. Biju Varghese



Infosys Limited

MBCET is a preferred College of recruitment for Infosys Ltd.

Its training programmes and emphasis on soft skills, a good bunch of high performing employees set MBCET apart from other Colleges.

It's a pleasure for Infosys to be associated with MBCET.

Congratulation on the 10th Year of growth and here's wishing all success in the forth coming years too.

Tinu Mathew

Global Entry Level Recruitment & Campus Relations Team

Corporates Say...



UST Global

MBCET offer a group of high quality students who are well aligned to the UST Global values and culture ...

UST Global extends its warmest greeting to MBCET in its decennial year.

Rekha Mathews

Head – Global Campus Relationships



IBS Software Services Pvt. Ltd

We are extremely pleased with the way MBCET graduates have integrated into the organization. They show good potential to play leading roles in IBS in the coming years. They key reasons for choosing MBCET as one of our partners are:

- ▶ The quality of students
- ▶ The professionalism shown by the College authorities
- ▶ The relationship the College keeps with the industry
- ▶ The quality of the teaching staff

In the Decennial Year, we wish MBCET good luck!

Jayan P.

Head – Global Human Resources





Mar Baselios

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