



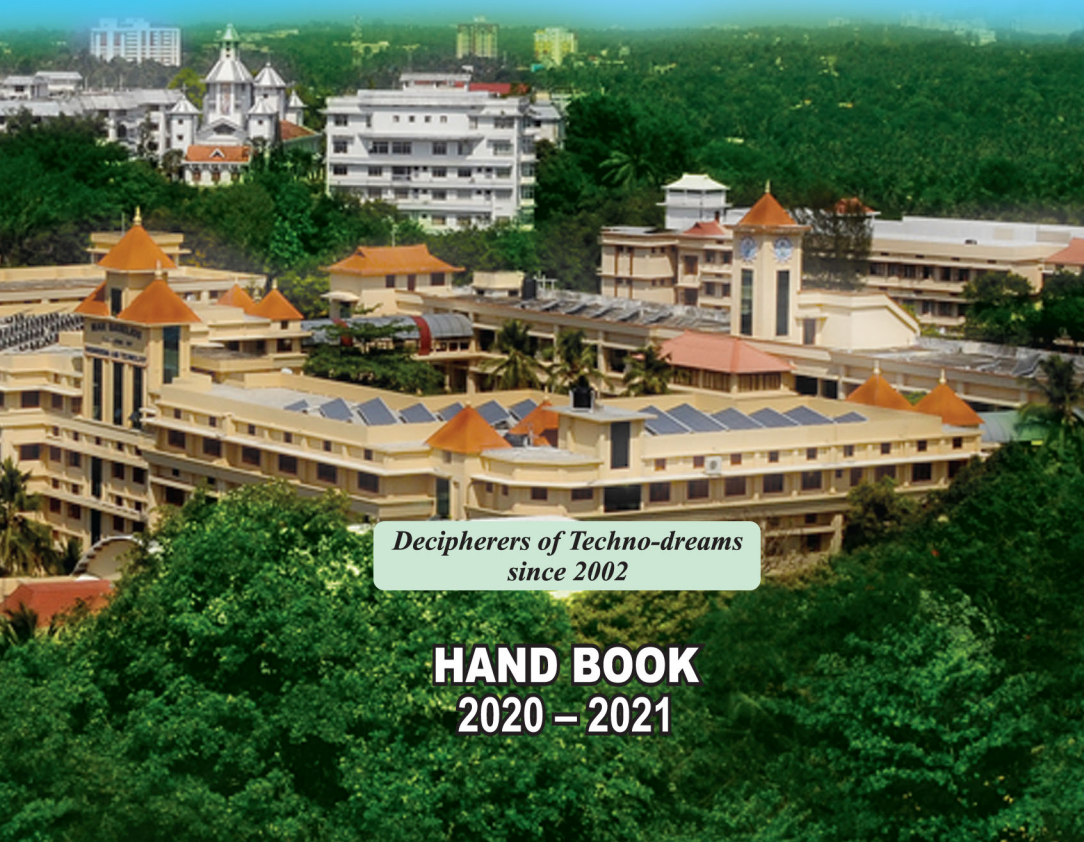
MAR BASELIOS

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Approved by the AICTE and the APJ Abdul Kalam Technological University)

The First Self-Financing Engineering College in Kerala to
receive NBA accreditation for all Programmes & NAAC accreditation with
'A' Grade (CGPA - 3.13)



*Decipherers of Techno-dreams
since 2002*

HAND BOOK
2020 – 2021

HAND BOOK

2020 – 2021



MAR BASELIOS

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

(Approved by the AICTE and affiliated to the APJ Abdul Kalam Technological University)
Accredited by NAAC with 'A' Grade (CGPA - 3.13) All B.Tech Programmes
accredited by NBA since 2016

MAR IVANIOS VIDYANAGAR, NALANCHIRA P.O.
THIRUVANANTHAPURAM – 695 015
KERALA, INDIA.

Tel. No. 0471 - 2545866, 2545868, 2545872, Fax. 2545869
E Mail : mbcet@mbcet.org
Website : www.mbcet.ac.in

PERSONAL INFORMATION

Name:

Date of Birth: Sex:

Branch:

Class and Roll No:

ID card No:

Name & Address of Parent:

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Email ID:

Name & Address of Local Guardian:

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Phone No:

Email ID:

Blood Group:

Vehicle No:

Driving License No:

Bank Account:

PREAMBLE

The Malankara Syrian Catholic Church has been in the field of Education in the State for over Eight Decades, having established hundreds of Primary, Secondary and Higher Secondary Schools, Industrial Training Institutes and a few Arts and Science Colleges. Mar Baselios College of Engineering and Technology (MBCET) established in 2002, by the Major Archdiocese of Trivandrum is administered by it through the Malankara Catholic Educational Society, realizing the need in the changing social scenario for an agency to encounter the challenges in Education. The Society has ventured into the specialized areas of Higher Education such as Medical Science, Life Science and Management Studies also. Set against the backdrop of the serene and panoramic Mar Ivanios Vidyanagar at Nalanchira, away from the hustle and bustle of the city life, yet enjoying a pride of place in the heart of Thiruvananthapuram city, the MBCET campus provides an ideal milieu for academic pursuits. The College is located in a verdant and serene environment, just 5 km. from the heart of the city among 17 educational Institutions. Aesthetically designed buildings in nine blocks spread over the campus have a total built-up area of over 33130 sq.m. An eco-friendly infrastructure concept has been executed. Rain water harvesting has been implemented right from the inception of the Institution. Each block is connected by Pedestrian Bridge, retaining the separate entity of each branch of Engineering studies controlled by the Administrative Head.

FOUNDER & HIS VISION

The Founder of the College, His Beatitude Moran Mor Cyril Baselios Catholicos and the first Major Archbishop of Trivandrum 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 are to 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."



PATRON

His Beatitude Moran Mor Baselios Cardinal Cleemis, Catholicos and Major Archbishop of Trivandrum, is the Patron of our College. As the President of the Malankara Catholic Educational Society under which the College functions, His Beatitude executes the administration through the Governing Council of the College. As His Beatitude puts it: "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 eight decades".



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.

CORE VALUES

- Integrity
- Tolerance
- Professional Excellence
- Commitment
- Social Responsibility
- Accountability & Innovation.

GOALS & OBJECTIVES

The College aims at achieving the integral development of human personality so as to ensure the possibility of living a fully human existence. It endeavours to contribute in placing spiritually inspired human beings at the centre of the Universe in the New Millennium ensuring the creative use of Science and Technology, in the context of a techno-centric life.

In order to accomplish this, special endeavour will be made to enable the students:

- * To strive for excellence in life.
- * To promote scientific enquiry.

- * To acquire and apply knowledge for the welfare of humanity.
- * To be the agents of qualitative social changes.
- * To use Science & Technology for the preservation of human values and human dignity.
- * To apply Science & Technology for universal brotherhood by being agents of the Gospel of Love and to be architects of future.

QUALITY POLICY STATEMENT

We, at MBCET, are committed to quality, to be globally competent in Technical Education, pursuing its quest for excellence in teaching, learning, innovation and research guided by noble values, ethical vigour and social commitment, enabling the stakeholders to adapt themselves to varying technologies and environment for the preservation and improvement of life, by encouraging sustainable practices.

MOTTO: "DUC IN ALTUM"

(Leading to the Heights of Excellence)

GOVERNING BODY

His Beatitude Moran Mor Baselios Cardinal Cleemis Catholicos	- Chairman
Rt. Rev. Msgr. Dr. Mathew Manakarakavil	- Member
Rev. Fr John Vilayil, (Bursar, MBCET)	- Member
Rev. Fr Thomas Kayyalackal (Finance Officer, of Major Archdiocese of Trivandrum)	- Member
Shri. Jacob Punnoose(IPS Retd)	- Member
Prof. S. Viswanatha Rao, Vice Principal, MBCET	- Member
Dr Neethu Roy, Asst. Dean & Prof CED, MBCET	- Member
Mr Tony Thomas, CIO, Boston Consulting Group	- Member
Prof. Arun Kumar Agrawal, IITBHU(Retd)	- Member
Mr. R Vijayakumar, Addl.Secretary to Govt	- Govt. Nominee
Prof. Dr. Suresh Babu V, Govt. Engg.College Wayanad	- KTU Nominee
Dr Abraham T Mathew, Principal, MBCET	- Member & Secretary

Advisory Board

Mr. John Mathai, IAS (Retd.), Former Chief Secretary, Govt. of Kerala.

Mr. John P. Zacharia, Director, VSSC, Trivandrum

Dr. S. Unnikrishna Pillai, Former Principal, REC (NIT), Calicut.

Dr. Chem Nayar, Emeritus Professor, Curtin University, Australia

Dr. Vijayan K. Asari, Professor, University of Dayton, Ohio, USA.

Dr. Achuthsankar S. Nair, Head, Dept. of Computational Biology &
Bioinformatics, Uty. of Kerala.

Dr. Saji Gopinath, Professor, IIM, Kozhikode.

Mr. Alexander Varghese, Chief Administrative Officer, UST Global,
Trivandrum

Mr. Jayan P. Nair, Senior Vice President, IBS Software Services,
Trivandrum.

Mr. Rajesh Nair, CTO and Founder, Degree Controls Inc., USA.

COLLEGE COUNCIL

1. Fr. John Vilayil (Bursar)
2. Dr. Abraham T Mathew (Principal)
3. Prof. S Viswanatha Rao, Vice Principal & Dean(Academic-UG)
4. Dr. Paul Thomas (Dean - PGS&R)
5. Dr. Neethu Roy (Dean – R&C)
6. Dr. George Zachariah, Dean(SA)& NAAC Coordinator
7. Dr. Muraleedharan K, Dean (Admin)
8. Mr. Pradeep M., Controller of Examinations
9. Prof. Joseph Cherian, HOD S&H
10. Dr. M J Jayashree, HOD ECE & IQAC Coordinator
11. Dr. Tessy Mathew (HoD – CS)
12. Dr. Jayasree S (HoD – CE)
13. Dr. Rajesh T.N (HoD – ME)
14. Dr. Nisha G K, HOD EEE & (KTU Valuation)
15. Ms. Christi Francis (ADPE)
16. Prof Raju K Gopal, Head, ITMS
17. Ms. Elizabeth Varghese, Assoc Professor, EED, Admission in Charge
18. Ms. Asha S. (Asso.Prof – CS) - Nominated

19. Dr. Archana P Das, Asst Professor, S&H, First Year Coordinator
20. Ms. Lakshmy S., Asst. Professor, ECE, Coordinator Statutory Reports
21. Ms. Jomole Joseph P, Asst Professor, EED-Member Secretary

Academic Council

- | | | |
|--|---|----------|
| 1. Dr. Abraham T Mathew (Principal) | - | Chairman |
| 2. Prof. S Viswanatha Rao
(Vice Principal, Dean (Academic Affairs-UG)) | - | Member. |
| 3. Rev. Dr. Gigi Thomas Dean & HoD
(Maths), Mar Ivanios College | - | Member. |
| 4. Dr. Ayyappan M.
Former MD, HLL Lifecare Ltd. | - | Member. |
| 5. Dr. Ashok S.
Professor (HAG), EED, Dean (R&C), NITC | - | Member. |
| 6. Dr. Kurien Issac
Senior Prof, Dean IPRCE, Aerospace Engg. Dept., IISST | - | Member. |
| 7. Dr K. Muraleedharan Nair
Professor, Dean (Administration) | - | Member. |
| 8. Dr. Paul Thomas
Professor, Dean (PG Studies & Research) | - | Member. |
| 9. Dr. Neethu Roy
Professor, Dean (Research & Consultancy) | - | Member. |
| 10. Dr. Jayasree S., Professor, HoD, CED | - | Member. |
| 11. Dr. Tessy Mathew, Professor, HoD, CSE | - | Member. |
| 12. Dr. Jayshree M.J., Professor,
HoD, ECE & IQAC Coordinator | - | Member. |
| 13. Dr. Nisha G.K., Professor, HoD, EED | - | Member. |
| 14. Dr. Rajesh T.N., Professor, HoD, MED | - | Member. |
| 15. Prof. Joseph Cheriyan, Professor, HoD, S&H | - | Member. |
| 16. Mr. Pradeep M, Asso. Prof, MED,
Controller of Examinations | - | Member. |
| 17. Dr Jisha John Assoc. Professor, CSE | - | Member. |

- | | | | |
|--------------------------------------|----------------------|---|---------|
| 18. Ms Swapna P.S. | Asst. Professor, ECE | - | Member. |
| 19. Mr Akhil Raj S.R. | Asst. Professor, CED | - | Member. |
| 20. KTU Nominee (Nomination Awaited) | | - | Member. |
| 21. KTU Nominee (Nomination Awaited) | | - | Member. |
| 22. KTU Nominee (Nomination Awaited) | | - | Member. |

Board of Studies (BOS)

All the Teaching Faculties are Members of the Board of Studies of the particular discipline to which he/she belongs. The Heads of Departments will be the Chairpersons of the BOS of each discipline which will have External subject Experts.

Finance Committee

In accordance with the UGC guidelines for Autonomous Colleges a finance committee has been constituted to deal with the financial aspects of the institution.

Dr. Abraham T Mathew, Principal	-	Chairman
Fr. John Vilayil, Bursar	-	Member
Dr. George Zacharia, Dean (Student Affairs)	-	Member

Management Administration

Bursar	:	Fr. John Vilayil
Asst. Bursar	:	Fr. Raju Parukoor

Corporate Relations

Corporate Relations portfolio is constituted to provide impetus to skill development, entrepreneurship, innovations and the relations with industry and other institutions.

Director	:	Dr. TM George Ph.D
Chief Operating Officer	:	Mr. Vipinkumar K C

Internal Quality Assurance Cell (IQAC)

Internal Quality Assurance Cell (IQAC) is a body constituted in accordance with the norms of the National Assessment and Accreditation Council (NAAC) an autonomous body of the UGC. The objective of this body is to formulate and propose quality measures to be implemented in the college to enhance and sustain the quality performance of the Institution. The IQAC is constituted with the following office-bearers.

Chairman: Dr. Abraham T Mathew, Principal

Vice Chairperson : Prof. S. Viswanatha Rao, Vice Principal & Dean (Academic Affairs –UG) (Coordinator – Strategic Planning)

Management Representative : Fr. John Vilayil (Bursar)

Senior Advisor : Prof. George Zachariah, Professor, S&H & Dean (Student Affairs) (Coordinator – NAAC)

IQAC Coordinator : Dr. Jayashree M.J., Professor and Head, ECED (Coordinator – Audits, UGC Reporting & Member Secretary IQAC)

Members: Administrative Officer(s):

Prof. Dr. Paul Thomas, Dean (Post Graduate Studies and Research)

Dr. Neethu Roy, Asst. Dean (Research and Consultancy)

(Coordinator – NBA)

Dr. Muraleedharan Nair K. , Dean (Administration)

Mr Pradeep M., Assoc. Professor, MED & Controller of Examinations

Dr. Tessy Mathew, HoD, CSE

Dr. Jayasree S., HoD, CED

Dr. Nisha G.K. HoD, EEE

Dr. Rajesh T. N., HoD, MED

Prof. Joseph Cherian, HoD, S&H

Ms. Christi Francis, HoD, PED

Prof. Raju K Gopal, ITMS Head, Professor, CSE

Members: Faculty:

Ms. Swapna P.S., Asst. Prof., ECE, Ass. Coordinator, NBA,

Ms. Deepa P.L., Asst. Prof., ECE, Asso.Coordinator, NAAC

Mr. G.L. Praveen, Asst. Professor, CSE, Asso.Coordinator, Audits,

Ms. Shyju Susan Mathew, Asst. Prof., EEE, Asso. Coordinator, UGC Reporting

Ms. Jaya S. Pillai, Asst. Professor, CED

Mr. Arvind P., Asst. Professor, MED

Nominees from Alumni:

Mr. Ajithkumar G S, 2011- CSE

Mr. Jerin Chacko, 2007- EED

Nominee from local society :

Mr. Jojimon Thomas, Vice President, PTA

Nominees from Employers / Industrialists / Stakeholders :

Mr. Biju Philip, Sr. Vice President, Envestnet.

Nominee from Professional body :

Mr. Aditya S., IET

Administrative Staff representative :

Mr. Mohan George, Office Superintendent

Library Representative :

Mr. Binu K John, Librarian

Lab Staff Representative:

Ms. Linumole K. C. (Lab Instructor)

Student Representative:

Senate Chairperson / General Secretary

Invitee:

Ms. Sabitha S.Nair., Asst. Professor, S&H,

Ms. Lakshmy S, Asst Professor, ECE

COURSES OFFERED

MBCET offers the following courses approved by the All India Council for Technical Education (AICTE) and sanctioned by the Govt. of Kerala, leading to the B.Tech., M.Tech. and Ph.D Degree of the APJ Abdul Kalam Technological University

Branch of Study	No. of Seats
B.Tech. Programmes	
1) Civil Engineering	120 + 6 (Fee Waiver)
2) Computer Science & Engineering	120 “ “
3) Electrical & Electronics Engineering	120 “ “
4) Electronics & Communication Engineering	120 “ “
5) Mechanical Engineering	120 “ “
M.Tech. Programmes	
1) Computer Science & Engineering	18
2) Machine Design	18
3) Power Control and Drives	18
4) Telecommunication Engineering	18
5) Structural Engineering	18

COLLEGE STAFF**Principal**

: **Dr. Abraham T. Mathew**, M.Sc. (Engg), Ph.D.,
Senior Member IEEE, Life Member: ISTE,
Fellow : IETE.

Vice - Principal : **Prof. S. Viswanatha Rao** M.E.,
Senior Member IEEE

Deans

1. Dean (Academic Affairs-UG): Prof. S. Viswanatha Rao

2. Dean (PG Studies & Research) : Dr. Paul Thomas Dean (**PG**) M.Tech.,
LLB, Ph.D., PMP, C (Eng.), FIE, LMASI.

3. Dean (Research & Consultancy) : Dr. Neethu Roy, M.Tech., Ph.D.

4. Dean (Administration) : Dr. Muraleedharan Nair (MTech, PhD)

5. Dean (Student Affairs) : Dr. George Zacharia (MA PGDTE, PhD)

Department of Civil Engineering

Associate Professor & Head: Dr. Jayasree S, M.Tech, Ph.D

Professors : Dr. M. Satyakumar, M.Tech., Ph.D.
: Prof. P. S. Abraham, B.Arch., MCP
: Dr. Neethu Roy, M.Tech., Ph.D.
: Dr. Elizabeth C. Kuruvila, M.Tech, Ph.D.

Asst. Professors : Ms. Bindu Biju, M.Tech.
: Ms. Ann George, M.Tech. (study leave)
: Ms. Tisny D. B., M.Tech.
: Ms. P. Muthulakshmi, M.Tech. (on leave)
: Ms. Jean Molly Simon, M.Tech.
: Mr. Jaya S. Pillai, M.Tech.
: Ms. Anupama Krishnan, M. Tech.
: Ms. Parvathy U., M.Tech.
: Ms. Sherin Mathew, M.Tech.
: Ms. Lekshmi Chandran M., M.Tech.
: Mr. Akhil Raj S.R., M.Tech
: Ms. Linda Jose, M.Tech.
: Ms. Anita A., M.Tech.
: Ms. Aneena Babu, M.Tech.
: Dr. Jisha S.V., M.Tech, Ph.D.
: Ms. Nimisha Anna Jacob, M.Tech.
: Ms. Smrithi Cheriya, M.Tech.
: Ms. Rintu Johnson, M.Tech.
: Ms. Athira I.C., M.Tech.
: Ms. Akhila A.M., M.Tech.
: Ms. Anupama Krishna D., M.Tech.
: Ms. Panchami Lal, M.Tech.
: Mr. Jomy Joseph Peedikayil, M.Tech.
: Mr. Sijo M. Saji, M.Tech.
: Mr. Jobin Joy, M.Tech.
: Mr. Sangeetha Sajeev, M.Tech.

- : Mr. Joju M.R., M. Tech.
- : Mr. Nandana Ramesh, M.Tech.

Department of Computer Science & Engineering

Associate Professor & Head: Dr. Tessy Mathew, M.Tech., Ph.D

Professors : Dr.R.Vikraman Nair, B.Sc.(Engg.), DEA, Ph.D
: Prof. Raju K Gopal , B.Sc. (Engg), M.Tech.

Associate Professor : Ms. S. Asha, M.E.
: Dr. Jisha John, M.Tech, Ph.D

Asst. Professors : Ms. Elizabeth B. Varghese, M.Tech. (study leave)
: Mr. G. L. Praveen, M.Tech.
: Mr. V. S. Shibu, M.Tech.
: Ms. V S. Devipriya, M.Tech.
: Ms. Anne Dickson, M.Tech.
: Ms. B R. Poorna, M.E.
: Ms. R S. Divya, M.Tech.
: Mr. Shon J. Das, M.Tech,
: Ms. Merin Kuriakose, M.Tech. (on leave)
: Ms. Anjali C, M. Tech.
: Mr. Robin Joseph, M.Tech.
: Ms. Aswathy Ravikumar, M.Tech. (study leave)
: Ms. Gayathri K S, M.Tech.
: Mr. Binu Jose A, M.E.
: Ms. Jesna Mohan, M.Tech
: Ms. Jisha Jose, M.E.
: Ms. Shini Renjith, M.Tech
: Ms. Kiran Baby, M.Tech
: Mr. Ramjith R.P., M.Tech
: Ms. Jayalekshmi J., M.Tech
: Ms. Vinny Pious, M.Tech
: Ms. Dhanya L.K., M.Tech
: Ms. Anjali S., M.Tech

Department of Electrical & Electronics Engineering

Professor & Head : Dr. G. K. Nisha, M.Tech, Ph.D.

Professor : Prof. A. S. Shajilal, M.Tech.

Associate Professor : Ms. Elizabeth Varghese, M.Tech

Asst. Professors : Mr. R. S. Praveen Raj, M.Tech.

- : Ms. P. Sheenu, M.E.
- : Mr. F. R. Rejish Babu, M.E.
- : Ms. P. Sandhya, M.Tech.
- : Ms. Jomole Joseph Peedikayil, M.Tech.
- : Dr. Shalu George K., M.E., Ph.D
- : Ms. Shyju Susan Mathew, M.Tech.
- : Ms. A V. Soumya, M.Tech.
- : Ms. Charivil Sojy Rajan, M.Tech.
- : Ms. Manju Sreekumar, M.Tech.
- : Ms. Manju Ann Mathews, M.Tech.
- : Ms. Surasmi N L., M. Tech
- : Ms. Vandana P., M.Tech.
- : Ms. Anu Gopinath, M.Tech.
- : Mr. Aswin R. B, M.Tech.
- : Ms. A. N. Archana, M.Tech.
- : Ms. Keerthi S Nair, M.Tech. (on leave)
- : Ms. Jeneena Babu, M.Tech
- : Ms. Ashni Elsa George, M.Tech.
- : Ms. Shilpa Susan Peter, M.Tech.
- : Ms. Shilpa George, M.Tech. (on leave)
- : Mr. Ajish Ashok, M.Tech.
- : Ms. Hridya C.K., M.Tech.

Department of Electronics & Communication Engineering

Professor & Head : Dr. M J. Jayashree, M.Tech., Ph.D

Professors : Prof. S Viswanatha Rao, M.E.,
Senior Member IEEE
: Dr.. Paul Thomas, M.Tech., LLB, Ph.D., PMP,
C (Eng.), FIE, LMASI.
: Dr. Jayakumari J., M.Tech, Ph.D

Associate Professors : Ms. Luxy Mathews, B.Sc., B.Tech., M.Tech.
: Ms. Ancy S. Anselam, M.Tech.

Asst. Professors : Ms. P S. Swapna, M.Tech.
: Ms. Teena Rajan, M.Tech.
: Dr. Sreedevi P, M.Tech., Ph.D
: Ms. Deepa P L, M.Tech.
: Ms. Lani Rachel Mathew, M.Tech.
: Mr. Niyas K. Haneefa, M. Tech. (study leave)
: Mr. Jinu Baby, M.E.
: Ms. Ann Mary Alex, M.Tech.
: Mr. Anoop K. Johnson, M.Tech.
: Ms. Poorna R. Prabhu, M.Tech. (on leave)
: Ms. Athira V, M.Tech.

- : Ms. Remya Annie Eapen, M.E.
- : Ms. P P. Hema, M.Tech.
- : Ms. Riya John, M.Tech.
- : Ms. Lakshmy S, M.Tech.
- : Mr. Shiras S.N, M.Tech.
- : Ms. Anu Susan Philip, M.Tech.
- : Mr. Sherry Varghese George, M.Tech.
- : Ms. Roselin Raju, M.Tech.
- : Ms. Amritha B.J., M.Tech.
- : Ms. Ancy Joy, M.Tech.
- : Mr. Arun J.S., M.Tech.
- : Mr. Jithin M. George, M.Tech.
- : Mr. Jijo Jose, M.Tech.

Department of Mechanical Engineering

Associate Professor & Head: Dr. Rajesh T.N, M.Tech, Ph.D

Professor : Dr. Muraleedharan Nair K.,M.Tech, Ph.D

Associate Professors : Mr. Remil George Thomas, M.Tech.
 : Mr. Pradeep M, M.Tech.
 : Dr. Nidhi M B, M.Tech, Ph.D
 : Dr. Vinod V, M.Tech, Ph.D

Asst. Professors : Mr. Hari Venkit, M.Tech. (study leave)
 : Mr. Ayswer A S, M.Tech.
 : Dr. Premchand V P, M.Tech., Ph.D
 : Mr. Aravind P., M.Tech.
 : Dr. Deepak G. Dilip, M.Tech., Ph.D
 : Mr. Deepak B., M.Tech.
 : Mr. Roshan George Koshy, M.Tech.
 : Mr. Ajeesh M V., M.Tech
 : Ms. Ruby Maria Syriac, M E. (study leave)
 : Mr. Vinod V., M.Tech.
 : Mr. Kedar Mohan, M.Tech.
 : Mr. Ranjith H., M.Tech.
 : Mr. Vishnu Prasad K.R., M.Tech.
 : Mr. Raveesh G., M.Tech. (study leave)
 : Mr. Deepak B.S., M.Tech.
 : Mr. Bobin Saji George, M.Tech.
 : Mr. Vishnu Asok J S, M.Tech.
 : Mr. Aashish John, M.Tech.
 : Mr. Melvin Jacob, M.Tech.
 : Mr. Vaisakh S. Nair, M.Tech.
 : Mr. Ananthan S.P., M.Tech.
 : Mr. Emmanuel Ruben Gilbert, M.Tech.
 : Mr. Abhiram R. Nair, M.Tech.

- : Ms. Sreelekshmi Soman G., M.Tech.
- : Mr. Akhilchandran B.S., M.Tech.
- : Mr. Alen K. Johnson., M.Tech.

Department of Sciences & Humanities

- Professor & Head** : Prof. Joseph Cheriyan, M.Sc., M.Phil
- Professors** : Dr. George Zacharia, M.A., PGDTE, Ph.D.
: Prof. Y. Mathew, M.Sc., M.Phil.
- Asst. Professors** : Ms. Sabitha S. Nair, M.Sc., B.Ed., M.Phil
: Dr. M. T. Savitha, M.Sc., B.Ed., Ph.D
: Ms. Lakshmi J.S., M.Sc., B.Ed.
: Dr. Archana P. Das, M.Sc., M.Phil, Ph.D
: Ms. Lekshmi I, M.Sc., B. Ed., M. Phil,
: Ms. Jisha J J., M.Sc., B. Ed., M.Phil.
: Ms. Uma M., M.Sc., B. Ed., M.Phil.
: Dr. G.P. Krishna Mohan, M.Sc., Ph.D.
: Dr. Veena Nair, MA, M.Phil., Ph.D.
: Dr. Vidya Vilas, M.Sc, Ph.D.
: Mr. Vinu. V, M.A
: Ms. Deleesa Babu, M.Sc.
: Mr. Suvith. V.S., M.Sc., M.Phil.
: Ms. Sruthi Janardhanan M.Sc.

Department of Physical Education

- Asst. Director of Physical Edn.: Ms. Christi Francis, M.P.Ed,DCA, M.Phil.
: Mr. Deepak Raj, M.P.Ed, DCA.

- Placement Co-ordinator** : Mr. Justin Joseph, M.Sc., M.Tech., MBA

Student Counselor

- Dr. Shobha Treasa George, M.Sc., Ph.D., MFT, CPT (USA)
Fr. Bitty Mathew, M.SW, M.Div

Nursing Station in-Charge

- Lt. Col. Sifi Kuriakose (Retd.)

Technical Staff

Department of Civil Engineering

- Lab Instructor Sr. Grade : Mr. Johnson George

Lab. Instructor Gr. I	: Mr. Edwin Roy E. J. : Ms. Dhanalekshmi M. C
Lab. Instructor Gr. II	: Mr. Vijin V. J. : Mr. Shijin Kumar R.V.
Lab Assistant Gr. I	: Ms. Deeparani V. : Mr. Arun J. : Ms. Vidyamol S. : Ms. Renchu Mohan R.

Department of Computer Science Engineering

Lab. Instructor Sr. Grade	: Ms. K.C. Linumole : Ms. G. Priya
Lab. Instructor Gr. I	: Ms. Rejani L. : Ms. Naicy M. John
Lab. Assistant Gr. I	: Ms. Vichithra V.R.

Department of Electrical and Electronics Engineering

Trade Instructor	: Mr. V. Ramachandran Nair
Lab. Instructor Gr. I	: Ms. S. Prabha : Mr. E. Senthilkumar : Mr. Rajeew Mon S. : Ms. Shabina N. : Ms. Smiji R. S.
Lab. Instructor Gr. II	: Mr. Ratheesh Kumar V. S. : Mr. Vishnuchandran C. L. : Ms. Suchithra M. S.
Lab. Assistant Gr. I	: Mr. Sajan S.S. : Mr. Midhun Gopal V. : Mr. Anand B.H. : Mr. Arun N

Department of Electronics and Communication Engineering

Trade Instructor	: Mr. K. Ramachandran Nair
Lab Instructor Sr. Grade	: Ms. Manju Suresh
Lab. Instructor Gr. I	: Mr. S. M. Ajith Kumar : Mr. C. S. Shinin : Mr. Anilkumar B. S. : Ms. Sarika U. S. : Ms. Swapna Lekha U.

: Mr. Rajendran H.
Lab. Instructor Gr. II : Ms. Hanna Varghese
Lab. Assistant Gr. I : Mr. Dhaneesh Raj. D.

Department of Mechanical Engineering

Workshop Superintendent : Mr. G. Sukumaran Asari, B.Tech.
Workshop Instructor Gr. I : Mr. Sijo Thomas
: Mr. Anil Kumar R. S.
: Mr. Aneesh S. C
: Mr. Shaji D.
Workshop Instructor Gr. II : Mr. Biju Androose
: Mr. Aneesh Rajan A. T.
Welder : Mr. Biju K.
Workshop Asst. Gr. I : Mr. Prasanth S. S.
: Mr. Shaji P.
Lab Assistant Gr. I : Mr. Shijin Kumar S.

Department of Science & Humanities

Tutor : Ms. Shimamol . C.
Lab Assistant : Mr. Praveen R.
: Mr. Abhijith S.L.

ITMS Division

Programmer, Sel. Grade : Ms. Reena Rajan
Asst. System Administrator : Ms. V. S. Alosius
Asst. Network Administrator : Mr. Jiju Wilfred
Lab. Instructor Gr. I : Ms. L. Sindhumol
Programmer : Mr. Shinulal P. K.
Asst. System Support .Techn.: Mr. Laiju B. Nair,
Junior System Supp. Techn. : Mr. Jith C.
Data Entry Operator : Ms. Priya Rani K.

Library Staff

Librarian : Mr. Binu K. John, B.Sc., M.LISc., M.Phil., PGDCA
Assistant Librarians : Ms. Anjana G., M.Sc., M.LISc.
: Mr. Sambhu B.K., B.Com, M.LISc.
: Mr. Sabeesh T., B.A., M.LISc.
Office Assistant : Ms. Sherin Mary Joseph, B.Com, PGDCA

Office Staff

Senior Superintendent	: Mr. Mohan George, B.Com.
Section Officer	: Mr. Varghese Thomas, B.Com
Selection Grade Assistant	: Mr. Renny Thomas Abraham, B.Com., PGDCA
	: Ms. Shiji George, B.A.
Senior Office Assts.	: Mr. Jacob Varghese
	: Mr. D. Joykutty, B.A., PGDHRM
Accountant	: Mr. Aiju Looke, B.Com, COPA
Receptionist	: Ms. Accamma Kumary George, MA, PGDMM
Confidential Assistant	: Ms. Soni Gerry, M.Sc., B.Ed., DSM.
Office Assistant	: Ms. Sandhya R. S., B.Com. CFA, TTC
Store Assistant	: Ms. Rema G.S., B.A.
Office Assistant	: Ms. Silja S., M.Sc.
	: Ms. Nisha Mathew, M.Sc.
Clerical Assistant	: Ms. Jancy B. S.
Attender Gr. I	: Mr. Mathew Thomas
Attenders	: Mr. Sabu B. S.
	: Mr. Retnakaran C.
Peons	: Mr. Rejy John
	: Mr. Anikumar A.

GENERAL DISCIPLINE

Discipline, both in personal and professional matters, is essential for the success of an Engineer. Orderly behaviour on campus will improve one's self-esteem and will help in having good inter-personal relations. The high level of discipline consistent with the superior standards of the Centres of Excellence in Higher Education shall be maintained on the campus. The following guidelines will help in maintaining discipline on campus and they shall be adhered to by all.

1. Courteous behaviour, an essential ingredient of Professional Competence, is expected from all. Dishonesty, obscenity in word or act or any other acts of misconduct will invite disciplinary action.
2. Students shall wear the prescribed uniform whenever on the campus.
3. Students shall wear the ID cards while on the campus.
4. Students should not loiter in the corridors or on the campus during class hours. They should make use of their free time by using the Library, Computer facilities or other facilities for extra-curricular activities.
5. Habitual negligence of College work, absence from internal examination, non-submission of assignments, frequent absence from classes, etc., will be reported to the parents and if not corrected, may lead to discontinuance from the program.
6. Students, if they have any grievance and personal problems shall bring them to the notice of the Staff Advisor or the College authorities individually; but should not have recourse to collective complaints or petitions to anybody within or outside the College.
7. Students are forbidden from attending or organizing any meeting in the College or in its premises or collecting money for any purpose without the permission of the Management.
8. Political activity in any form, under any banner is not permitted in the campus.
9. Wilful damages to property and equipment will have to be compensated for. Pasting of posters and notices on walls or disfiguring the building and campus, in any form are forbidden.
10. Students organizing tours on their own accord without permission and teachers accompanying them is banned. Any act contrary to this rule will invite strict disciplinary action.

Prevention of Ragging

Ragging, in any form is prohibited by law. The Govt. of Kerala has banned ragging in Educational Institutions / Hostels vide the Kerala Prohibition of Ragging Act 1998 Section 3 which makes ragging punishable as follows:

- a) Imprisonment up to a term of 2 years
- b) A fine up to Rs.10000/-
- c) Dismissal from the Institution. The students so dismissed shall not be admitted to any other Educational Institution for three years.

Anti-ragging Committee and Anti-ragging Squad

In compliance with the AICTE regulations Anti-ragging Committee and Anti-ragging Squad have been constituted to prevent the menace of ragging. The squad conducts frequent patrolling in the common areas of the campus and maintains vigil to prevent the occurrence of ragging. The squad will also have the responsibility to investigate incidence of ragging, if any.

Students shall not indulge in any of the following activities, which are treated as ragging:

- a. Any act that prevents, disrupts or disturbs the regular academic activity of a student.
- b. Exploiting the service of a junior student by a senior student or a group of senior students.
- c. Any act of financial extortion or forceful expenditure burden put on a junior student including fund-raising for organizations.
- d. Any act of physical abuse including all variants of it: annoying, playing, practical jokes, sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts or gestures.
- e. Any act of abuse by spoken words, emails, SMS or any other means.
- f. Any word or act that causes hurt to the dignity of the individual.
- g. Entering without permission any class other than the one assigned to a student.
- h. Forcing a student to boycott class without his/her consent to participate in strike, demonstration, dharna, etc.

Reporting Cases of Ragging

The complaints or information with regard to ragging could be oral or written and even from third parties. The burden/responsibility of proving his/her innocence rests with the accused. Complaints can be lodged with the Principal, HoD's, Class Advisor or any of the members of the Anti-Ragging Committee. All complaints/information received shall be kept strictly confidential. In the event of a student being booked in a criminal offence and being suspended from the College, he/she will be re-instated only after his/her obtaining clearance certificate from the Police Officer concerned.

Parking of Students' Vehicles

Parking of two wheelers is permitted only in the specified parking area for Boys and Girls. Students are not permitted to take out their vehicles during the working hours. In case of urgency prior permission should be secured. Students are not permitted to use four-wheelers on the Campus. In urgent situations which demand the use of four-wheelers, prior permission should be obtained from the authorities.

Mobile Phones

Mobile phones with or without camera are not allowed on the campus, during working hours. Students bringing the mobile phone must deposit the same in the locker provided at the entrance. If any student is found in possession of a mobile phone, it will be confiscated by the authorities. Emergency calls, if any, can be made from the College Information Desk.

ETHICS COMMITTEE

Government has given specific instructions to restrict the use of mobile phones and prohibit fashion shows and vulgar dances in the campuses. Accordingly Institutional Level Ethics Committee has been constituted. In compliance with the order of Hon'ble High Court of Kerala and the instructions issued by the Government, a surprise inspection squad is also constituted in the Institution to ensure the compliance. The squad is empowered to conduct surprise inspections in the campus and will furnish reports to the Principal and Ethics Committee for further necessary action.

INFORMATION TECHNOLOGY MANAGEMENT AND SERVICES (ITMS)

Information Technology Management and Services (ITMS) division effectively manages the IT infrastructure facilities and provides quality IT

Services for the Institution's Research, Academic and Administrative needs. ITMS is headed by the Head-ITMS and has four sub units, namely Server Administration, Network Administration, Software Development and Systems Support having a total of 9 staff.

Core Services

- Installation, Operation and Management of the computer backbone network in the College buildings.
- Installation and Maintenance of all computer hardware and systems like UPS, WiFi, Access Points, LCD Projectors, Biometric Machines, etc.
- Connection of the College Network to Internet through UTM device and its management.
- Provision of a central storage space and email service for all staff.
- Installation, Operation and Management of Student Management System, Course Management System (Moodle), Asset Tracking and Management System, Biometric Attendance System and other Campus Management Software.
- Co-ordination of Campus-wide software licenses.
- Co-ordination of on-line publication on the College website.

LIBRARY

The Library has institutional membership with UGC-INFLIBNET, e-ShodhSindhu, DELNET, National Digital Library of India (NDL) and AICTE consortium.

The library has access to **E-Journals of IEEE (ASPP), ASCE (American Society for Civil Engineers), ASME (American Society for Mechanical Engineers), IEI (India) and EBSCO - Engineering E-Books. etc...**

A separate periodical section is there with 96 National Journals. The Library is computerized using KOHA ILMs. The circulation is based on barcode system. The important library services are:

* Digital Library, * Remote Access * Institutional Digital Repository, * Reprographic Facility * Engineering Portal * Library Instruction Classes * E-Resources awareness programmes * SDI – Selective Dissemination Information * CAS – Current Awareness Service * OPAC – Online Public Access Catalogue * On demand literature search * Library Blog * Online access to E-Resources, * Book Bank etc.

Library Timing: The Library will remain open from 8.30 am to 6.00 pm on all working days and on Saturdays from 9 am to 4 pm.

LIBRARY RULES AND REGULATIONS

All members of the staff and students of the College are entitled to use the library.

1. All personal belongings such as text books, note books, files, briefcases, umbrellas etc. should be kept at the Property Counter. However calculators and plain paper for taking down notes can be brought inside the library.
2. Books in the Reference Section are not open for borrowing.
3. The library is kept open on all working days, the timings will be specified on the notice board. At present the library is kept open from 8.30 a.m. to 6.00 p.m. Schedule for the issue of books will be notified from time to time.
4. Silence should be observed within the library rooms and halls. Students shall have their identity cards with them while in the Library and shall produce it along with the Barcode ID Cards at the issue counter.
5. Writing or underlining in the books, periodicals, maps etc. is not allowed. If required a tracing may be taken with the permission of the librarian. The person in whose name a book/periodical is issued will be held responsible for the care of the same. He/she will have to bear the compensation for any damage or loss. If books borrowed from the library are lost, the matter must be reported to the librarian immediately. The member has to replace the same or a later edition of the same books lost/damaged, within a week's time. If the replacement is not possible the following will be the procedure to recover the cost of the book lost/damaged.
 - a) For a foreign edition: The cost of book converted as per current conversion rate of the foreign currency plus 200% of the cost, will be recovered. For an Indian edition: printed price of the book plus 200% of the cost will be recovered.
 - b) Periodicals: same as above.
6. B.Tech students can borrow 3 books, B.Tech honours students and M. Tech. students can borrow up to 4 books for a period of 30 days. Faculty members can borrow 6 books for a period of 4 months and all other staffs can borrow 2 books for 4 months.
7. The period of borrowing will be 30 days including the day of issue for all students and research scholars.

If a book is not returned to the Library within the stipulated time, an overdue charge of Rs 5 per book per day is charged.

8. Members are not permitted to sub-lend books borrowed from the library.
9. Periodicals are regarded as reference books.
10. All the books borrowed should be returned at the end of the Semester Examinations.
11. A student leaving the Institution before or after completing the Course, has to produce a Non- Liability Certificate from the Librarian for getting any certificate or reimbursement of the Caution Deposit from the College.

CLASS HOURS

The College works under a full day system from 9.15 am to 4.30 pm.

DRESS-CODE

Students shall wear the prescribed uniform while on the campus. They should dress modestly while attending Programmes on the campus or outside.

IDENTITY CARD

It is mandatory that all Students should have their identity cards properly worn around their necks while on the campus.

LEAVE

1. For any kind of absence, leave application in the prescribed form sanctioned by the HOD must be submitted to the Class Advisor.
2. For absence exceeding three days, a letter from parent or guardian and a medical certificate whenever necessary, should support the application for leave of absence and for such leave of absence, application should be submitted on the day on which the student is reporting at the College.

Industrial Training

Students going for Industrial Training outside Trivandrum should obtain written permission from their parents and the consent letter should be submitted to the Head of the Department concerned, through the class Advisor.

External Technical/Cultural Fests

Guidelines

1. A student interested to take part in an event should make a request to the Staff-in-Charge through the Staff Advisor and the HOD
2. The request should include an application for duty leave in the prescribed form (Form #06).

3. The student who has subsequently participated in the event, should submit, within a week after the end of the duty leave period, copies of certificates of participation / laurels won to show that leave has been utilized for the purpose for which it was applied for.
4. Relevant information regarding the above is conveyed to all the members of Staff concerned.
5. A record of every student in the class should be maintained by the respective Class Staff Advisor. Details of leave taken by the students, duty leave issued, other personal details etc. of each student should be recorded, preferably in a separate page.

Procedure for selection:

- a. Teams representing the college in Inter collegiate/University competitions shall get prior permission.
- b. A selection will be made, if the number of teams interested in participating in any event exceeds the number that is permitted by the Event Coordinator.
- c. External Judges will be brought in, as and when needed, in order to do an unbiased selection of teams which will represent the College in the event.
- d. In case the number of teams interested in participating in any event does not exceed the number that is permitted by the Event Coordinator, a screening will still be done internally to ensure that the programme is of good standard.

Note: Financial help may be provided to the needy participant/s and deserving cases at the discretion of the Management

INTERNAL EXAMINATIONS

- 1) There will be at least two Internal Examinations in a Semester.
- 2) A Progress Report will be sent to the Guardian after the Internal Examination giving details of marks scored, attendance gained and position in the Class.
- 3) Guardians of those students who show poor progress should meet the Staff Advisor on receipt of the Report.

ACADEMIC AWARDS

I. Mar Baselios Youth Excellence Award

Mar Baselios Youth Excellence Award has been instituted in honour of the Founder of MBCET, the late **His Beatitude Moran Mor Cyril Baselios, Major Archbishop Catholicos**. True to the spirit of the Founder's vision, the award is intended to identify and promote the pursuit of excellence among

the Engineering students of Kerala. The winner is selected on the basis of all round excellence in Academics, Leadership, Arts & Sports, Personal Conduct, Ethics and Social Service Activities. A panel of experts will short list the entries for the award. The winner will be selected from the short listed candidates after a personal interview. The award comprises a prize money of Rs.1,00,000/- Certificate and Memento.

II. Other Awards

1. ALL ROUND PERFORMANCE AWARD (year of admission–year of admission+4)

- To be awarded to final year UG students
- Selection will be based on performance in Academics (50 points), Extracurricular & Co-curricular activities (50 points)
- One student from each Department who secures maximum points out of 100 points according to given criteria will be selected
- Improvement exams and Re-valuation can be considered
- Entries with condonation or supplementary papers will be disqualified

2. THE BASELIAN AWARD

- For the best final year UG student
- Selection will be based on performance in Academics (50 points), Extracurricular & Co-curricular activities (50 points) and an Interview (25 points)
- Two students from each Programme of the Department who secures first and second positions based on scores out of 100 points according to given criteria of “All Round Performance Award” will be selected for the interview.
- The shortlisted candidates will be interviewed by the Vice Chairman Governing Body/Experts.
- The Final Year student who secures maximum points out of 125 will be selected for the Award.
- Same student can be awarded “The Baselian Award” and “All Round Performance Award” of a particular Department”, if found qualified.
- Improvement exams and Re-valuation can be considered
- Entries with condonation or supplementary papers will be disqualified

3. PROFICIENCY AWARD

- Will be given to PG and UG students
- Students with highest University Examination marks in the previous two published results.
- One student from each Branch for UG
- One student from each Stream for PG
- Marks obtained in the first attempt only will be considered.
- Improvement marks will not be considered

4. BEST ACADEMIC PERFORMANCE AWARD FOR OUTGOING STUDENTS

For PG and UG students

- One UG student from each Branch who secures highest CGPA in University Examinations from S1 S2 to S8
- One PG student from each Stream who secures highest CGPA in University Examinations from M1 to M4

If more than one student secures same highest CGPA, all with same highest CGPA will be awarded

- Entries with supplementary papers will be disqualified.
- To be awarded on the occasion of Induction Ceremony of the First Year Students for UG students and awarded on the College Day for PG students.

5. ALL ROUND PERFORMANCE IN THE FIRST YEAR – “Young Wizard of Science”.

- Only first year UG students are entitled for the Award
- One student from the first year will be selected for the Award on the basis of All Round Performance, Performance in Proficiency Test, Index Marks and Character.
- Students passed in 1st and 2nd series examinations are eligible for the Award

6. BASELIAN KAYIKA PRATHIBHA PURASKHARAM

- For Outstanding Performance in sports/games in the current Academic Year
- Male and Female category

7. BASELIAN KALA PRATHIBHA PURASKHARAM

- For outstanding performance in arts in the current academic year
- Male and female category

8. MEMORIAL AWARDS

i. Prof. R. V. Chitra Memorial Award

Instituted by the Staff Members of Department of Electrical & Electronics Engineering in Fond Memory of Prof. R. V. Chitra of their department. Final year student who is Topper in Electrical Machines subjects (Electrical Machines I, II & III).

The Interest accrued from the fixed deposit amount of Rs.25,000/- will be given as Cash Award.

ii. Annu Memorial Award

Instituted by the 2005-09 Students of Department of Civil Engineering in Fond Memory of their beloved friend Ms. Annu Varghese who passed away in 2008. The award includes Rs.3,000/- and Memento.

Awarded to the One Final Year Civil Engineering Student for his/her overall performance in academics & extracurricular activities.

iii. **Mr. Arun Memorial Award**

This award is instituted in the fond memory of Mr. Arun V. Abraham of **B.Tech CSE 2010-15 batch** by his parents for one final Year Computer Science & Engineering Student who scores the highest marks till final year, in the University Exams.

iv. **Mr. Jose Lawrence Memorial Award**

This award is instituted in the fond memory of Mr. Jose Lawrence of B.Tech ME 2010-15 Batch by his parents for the Best Final year Project .

v. **Mr. Joel Jiji Memorial Award**

This award is instituted in the fond memory of Mr. Joel Jiji of B.Tech ME 2010-15 Batch by his parents for one male & female outgoing student who excels in both Academics & Arts

9. MBCET Alumni Awards

- i. MBCETAA Outstanding Performer Award is given to one student of the previous year pass out batch for outstanding all round performance in academics and extracurricular activities.
- ii. MBCETAA Special Achievement Award is for special achievements of the alumni.

ACADEMIC ADVISING

The Institution takes care of each student admitted through a unique system of Academic Counseling in which all members of the Teaching Staff are involved. As far as possible the same advisor continues for a batch throughout the Course, who will take care of the student throughout his/her Course. The Academic Advisors ensure effective enrollment of students during registration, ensure that academic regulations are observed by the students, meet them regularly, take special care of the weaker students, give them necessary directions to overcome their deficiencies and maintain the contact with the parents keeping them abreast with the performance of their ward. The Advisors keep all student records up-to-date.

Co-Curricular & Extra Curricular Activities

STUDENT CHAPTERS OF PROFESSIONAL BODIES

MBCET aims at the holistic development of the personality of students. Accordingly, the Chapters of various Professional Societies and Clubs are functioning in the College. The Professional Societies help Students to improve communication skills, leadership quality, team work skills to gain practical and theoretical knowledge. Students get an opportunity to implement

what they learn to advance the Profession, for career advancement, networking, self-promotion opportunities, knowledge about hiring trends and issues, publishing opportunities, Awards/ honours and Professional Development Service.

Institution of Engineers (IE) - Web: www.ieindia.org

The aims and objectives of the IE are to promote the general advancement of Engineering and Engineering Science and their applications and to facilitate the exchange of information and ideas on those subjects, among the members and the persons attached to the Institution. The College is an Institutional Membership holder of the Institution of Engineers.

Indian Society for Technical Education (ISTE) -

Web: www.isteonline.com

The Indian Society for Technical Education is a National, Professional, Non-profit making Society registered under the Societies Registration Act of 1860. The main thrust of the activities of the Society relates to research, progress of teaching, learning, training and extension services. The Society also organizes various Seminars, Summer and Winter Schools etc. throughout the Country to disseminate the latest advances in Technology and upgrade the quality of Teaching. The College is an Institutional Member of the ISTE and a Chapter of the Society functions in the College.

Computer Society of India (CSI) - Web: www.csi-india.org

The CSI Student Chapter of Mar Baselios College of Engineering & Technology is one among the biggest Student Chapters in the Kerala State. The Chapter conducts an annual quiz for the students of the College under the name BYTES. Another major event that is conducted by the CSI is an Intercollegiate Technical Fest titled CYNOSURE for the students from various Engineering Colleges in and around the city of Trivandrum. Currently the Chapter has 153 student members, which is the largest one in Kerala State.

Institution of Electrical and Electronics Engineers (IEEE) -

Web: www.ieee.org

IEEE founded in 1884 is the world's largest Professional Association dedicated to advancing technological innovation and excellence for the benefit of humanity. IEEE will be essential to the global technical community and to technical professionals everywhere, and be universally recognized for the contributions of technology and of technical professionals in improving global conditions. It is designed to serve professionals involved in all aspects of the Engineering and Computing fields and related areas of science and technology that underlie modern civilization. IEEE and its members inspire a

global community through IEEE's highly cited publications, conferences, technology standards, and professional and educational activities. IEEE serves over 395,000 members in 160 countries. Through its worldwide network of geographical units, publications, web services, and conferences, IEEE remains the world's largest Technical Professional Association.

IEEE members of Mar Baselios College of Engineering & Technology (MBCET) engage in technical and professional activities designed to advance the theory and practice of various technologies. The Institute strives to be supportive and responsive to the needs of the members by seeking to anticipate and manage change in ways that will benefit members and the societies in which they live.

IEEE Computer Society - Web: www.computer.org

IEEE Computer Society is a Professional Society of [IEEE](http://www.ieee.org), founded in 1971, dedicated to Computer Science and Technology. It is the trusted source for information, networking, and career-development, for a global community of researchers, educators, software engineers, IT professionals, employers, and students. Its purpose is to advance the theory, practice, and application of Computer and Information processing science and technology and the professional standing of its members. The Computer Society sponsors workshops and conferences, publishes a variety of peer-reviewed literature, operates technical committees, and develops IEEE computing standards. It supports more than 200 Chapters worldwide and participates in educational activities at all levels of the profession, including distance learning, accreditation of higher education programs in Computer Science, and professional certification in Software Engineering.

IEEE Computer Society Student chapter in MBCET is actively organizing a number of technical events and workshop to make the students up to date with current trends and technologies in computing.

Institution of Engineering and Technology (IET) -

Web: www.theiet.in

Evolved from its early beginnings in 1871 as the Society of Telegraph Engineers (STE) and later as Institution of Electrical Engineers (IEE) in 1887, the IET was formed in 2006 through the merger of IEE and IIE (Institution of Incorporated Engineers). Registered as a charity in England & granted the Royal Charter, the mission of IET is to promote the exchange of information and ideas for the advancement of Science, Engineering and Technology worldwide. Their annual activity programmes are designed to expand the professional development of Local Engineers through Lectures and Technical

Visits and encourage young people to join the Engineering Profession by participating in Careers and Science Fairs.

The IET Student Branch of Mar Baselios College of Engineering and Technology is in its infancy. Working with the IET Student chapter in College of Engineering, Trivandrum, the IET-MBCET student branch is however actively involved in organizing a number of technical events, Workshops and Life Skill Orientation Courses for the benefit of its students. The Student chapter is open to students of Electrical, Electronics, Mechanical, Information Technology and Computer Science Engineering.

American Society of Mechanical Engineers (ASME)

ASME- MBCET Chapter (VORTEX) was brought to life in the year 2017. Since then the chapter has spearheaded many programmes, conferences and workshops for students and was instrumental to cater to the needs of their all around development.

ASME member have access to state of the art web services, seminars, e-books and webinars. ASME Student chapter conducts several cultural and technical programmes. Their flagship event E-FEST AND E-FX are held every year in all continents. ASME also provides scholarships to meritorious students.

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) was founded in 1981 at New Delhi by a group of eminent HVAC & R professionals. ISHRAE - MBCET student chapter was officially installed on 22nd February 2019. ISHRAE objectives are advancement of the Arts and Sciences of Heating, Ventilation, Air Conditioning and Refrigeration Engineering and Related Services, Continuing education of Members and other interested persons in the said sciences through Lectures, Workshops, Product Presentations, Publications, Expositions and Encouragement of scientific research.

American Society of Civil Engineers (ASCE)

American Society of Civil Engineers (ASCE) aims to provide the platform for all young civil engineers to develop and grow to become globally competent, ethically strong and service minded engineers of the future. American Society of Civil Engineers is a professional body founded in 1852 to represent Civil Engineers worldwide in over 177 countries. It was the greatest privilege to get the ASCE Student Chapter approved in Mar Baselios College of Engineering and Technology on October 3rd 2017. MBCET was the 1st college to receive this approval in Kerala under the ASCE India Southern Section.

EXTRA - CURRICULAR ACTIVITIES

Special emphasis is given to extra-curricular activities and the Physical Education Department gives the necessary support in this regard. An Amenities Centre, a unique facility of MBCET with a plinth area of about 3000 sq.m, provides indoor playing facility for Shuttle, Badminton, Basket-Ball, Volley-ball, Table-Tennis, Billiards etc. and facilities for Photographic Club, Nature Club, Social Service Unit, Departmental Associations and Placement activities, all under the direction of a Senior Professor.

CLUBS & COMMITTEES

For the effective realization of the goals and objectives of the Institution about 40 clubs & committees have been formed in addition to the ones mentioned earlier. The Vice-Principal will co-ordinate the activities of Clubs. For each Club there will be a Faculty-in-charge.

The various Cells and Committees functioning in the College include, Admission Committee, Research Promotion Committee, Resource Monitoring Cell, Examination Cell, Purchase Committee, Discipline Committee, Industry Collaboration Cell, Consultancy Cell, Library Committee, Anti Ragging Committee, Ethics Committee, Staff Grievance Redressal Committee, Student's Welfare / Grievance Redressal Committee, Women's Grievance Redressal Cell (UGC), Women's Studies Unit, Counseling Cell, Hostel Committee, Canteen and Cafeteria Committee, Website Committee, Publication Wing, Archives, Campus Maintenance Committee, Yoga and Meditation Centre, Photography Club, Nature / Eco Club, Sports Club, Music Club.

B- Hub

B'Hub is a unique network centre in the Mar Ivanios Vidyannagar Campus initiated by MBCET. B- Hub, is a platform to open new vistas to promote an entrepreneurial ecosystem through Knowledge sharing, Training and Networking with the involvement and collaboration of Corporates, Industries, Trade bodies, government agencies and educational institutions. It is a holistic approach, a combination of Business Centre, Activity Centre and Innovation Exchange Centre. It is intended to be a model for the bond between entrepreneurship and campus innovations, to give new dimension to Engineering studies.

Dr. APJ Abdul Kalam Centre for Innovation, Incubation & Entrepreneurship

This Centre, established in 2016, in collaboration with the Kerala State Industrial Development Corporation (KSIDC), aims at providing facility for the MBCTians who intend to begin startup ventures along with and even after the completion of their B.Tech Programme.

Space Avionics Test & Evaluation Lab (SATEL)

MBCET has set up an Avionics Package Testing Lab in association with the VSSC, Trivandrum. An air-conditioned lab with 80 sqm space has been set-up with clean-room facility inside the lab. The lab is equipped with high-end test and measurement facility with ESD flooring. This includes thermal chamber, data recorder, synthesized function generators and precision DC sources. To start with, small packages such as amplifiers, filters etc. will be tested. In addition, this lab will provide the students with an opportunity to understand the stringent requirements of components required for Space Electronics and the various related test and measurement processes involved.

E- Yantra : Robotics Lab

This Nodal Centre of the E-Yantra, IIT Bombay, organizes skill-development Programmes in Robotics & Embedded Systems for Faculty Members and Students. Hands on Training is provided by the experts from IIT, Mumbai.

INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTRE (IEDC)

The main objective of the Innovation and Entrepreneurship Development Cell is to educate and train students for developing entrepreneurial capabilities through training programmes which will boost up innovative ideas and creativity.

CENTRE FOR CONTINUING EDUCATION

With an aim to promote Continuing Education Programmes and Industrial Consultancies, the Centre conducts Training Programmes, Add-On Courses and Workshops for Students and Graduate Engineers.

CONSULTANCY CELL

The Cell functions to organize Extension Service Programme for the benefit of the Society. The Cell acts as a consultant to various Government and Private Organizations carrying out projects in Design, Testing, Survey and other related areas.

ENERGY AUDIT CELL

The 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 'Green Energy' and minimizing of the use of Fossil Fuel.

TRAINING AND PLACEMENT UNIT

The Training and Placement Unit of MBCET has been playing a vital role since its inception in 2004. The TPU with representatives from every

batch, works towards arranging Training Programs, Workshops, Seminars, making arrangements for various Aptitude Tests, Competitive Examinations, Guidance and Counseling Classes and securing placements for students in reputed firms. MBCET offers the right settings for campus recruitment examinations. The campus has functioned as a host venue for combined campus recruitment for the top companies such as Infosys, Wipro, UST Global, CTS, IBS, NeST, LTS etc. A separate facility, the students' Amenity Center is earmarked for the CGPU activities.

MBCETAA

MBCETAA - the Alumni Association of the college has been very active over the years. The Association sponsors the cash prize of the Mar Baselios Youth Excellence Award, besides the Proficiency Awards given every years.

Patron	: Fr. John Vilayil
President	: Dr. Abraham T Mathew (Principal)
Vice- President	: Mr. Akhil Raj S. R.
Gen. Secretary	: Mr. Bobin Saji George
Joint Secretary	:
Treasurer	: Ms. Athira V

Parent Teacher Association (PTA)

The Parent Teacher Association of the College contributes positively to the smooth and effective functioning of the College. The Parent Teacher Association provides a common platform for the Parents and Teachers for interaction and to discuss matters promoting academic excellence in the Institution. The Association enables to maintain a healthy relationship among the Faculty, Students and Parents.

President	: Dr. Abraham T Mathew (Principal)
Vice President	: Jojimon Thomas
Secretary	: Prof. (Dr.) M.J. Jayasree

MORAL AND RELIGIOUS FORMATION

Special Lectures, Seminars and Symposia will be arranged by the College Authorities to inculcate Moral and Spiritual values in the students. Students are advised to make the best use of such facilities. All Catholic students are expected to attend religious instruction/discussions arranged for them.

FACILITIES ON THE CAMPUS

College Bus

Students can make use of the facility of the College bus regularly after registering their names and getting Yearly passes in advance. Requested for one-way Pass will not be entertained.

Hostel Facility

Separate hostel facilities for Men and Women are provided in a homely atmosphere. Application for admission to the hostel should be submitted in the prescribed form at the time of admission/registration.

1. Mar Aprem Hostel for Men

A common room with various recreational facilities is provided for the overall development of the students. Adequate medical facilities are always available. The hostel mess is run on the dividing system. MBCET Hostel for men (MAR APREM HOSTEL) can accommodate **400 students** on single room, twin sharing or three beds basis. Spacious rooms with separate area for living and study are provided.

Chief Warden : Fr. John Vilayil Phone: 0471-2534415

Warden (1): Fr. Raju Parukkoor

(2): Fr. Daniel Kulangara Phone : 8304841964

2. St. Alphonsa Hostel for Women

Accommodation facility for 50 students is available. The hostel owned by the Major Archdiocese of Trivandrum is run by Rev. Sisters of the Sacred Heart Congregation.

Warden: Rev. Sr. Jaya SH Phone: 0471-2530160

3. Mary Matha Ladies Hostel

Accommodation is provided for 250 women students at this Hostel, owned by the Major Archdiocese of Trivandrum.

Warden: Rev. Sr. Jessin FDSHJ Phone: 0471-2114375

Staff Quarters

Accommodation is provided for the members of the Staff at the Staff Quarters.

Amenity Centre

The Students Amenity Centre, Olympia, is a three storeyed building complex. It houses a large auditorium for conducting large-scale tests, recruitment drives, etc. Separate rooms are set apart for group discussions and interviews. It houses also a Store, Gymnasium, facilities for playing Badminton, Basket Ball, Table Tennis and so on.

Bank

Branches of the Catholic Syrian Bank and South Indian Bank are functioning on the campus.

Canteen and Cafeteria

A Canteen attached to the Amenity Centre functions on all working days. Noon Meals and other refreshments are provided on all working days. Besides the Canteen, Cafeterias also provide refreshment on all working days.

College Store

Note Books, Record Books and Stationery are supplied to students at fair price through the Store, attached to the Amenity Centre.

Mar Gregorios Renewal Centre & Girideepam Convention Centre

Facility for Seminars / Workshops / Conferences is provided here.

Counseling Centre

The Students can seek the guidance and support of the Student Counselors for their social, emotional and psychological issues. In order to ensure effective counseling, the Counselors work in co-operation with the departments, the parents and the students.

Information Desk / Reception

An information Desk / Reception will be functioning from 8.30 am to 5.00 pm on all working days. Necessary information can be gathered from there. Tel: 0471 – 2545866, 68, 72.

Telephone Facility

Common Telephone Facility is available at the Information Desk.

Important Notice

Students shall desist from creating/ spreading trolls, images and messages in Social Media tarnishing any Person/ Persons, Faith or Objects relating to any Faith which come under the purview of Cyber Crimes.

ACADEMIC CALENDAR 2020 - 2021

JUNE	2020			JULY
	1	Mon		
	2	Tue		
	3	Wed	1	
	4	Thu	2	
	5	Fri	3	St. Thomas Day - H
	6	Sat	4	
	7	Sun	5	
	8	Mon	6	
	9	Tue	7	
	10	Wed	8	
	11	Thu	9	
	12	Fri	10	
2nd Saturday	13	Sat	11	2nd Saturday
	14	Sun	12	
	15	Mon	13	
	16	Tue	14	
	17	Wed	15	Mar Ivanios Day - H
	18	Thu	16	
	19	Fri	17	
	20	Sat	18	
	21	Sun	19	
	22	Mon	20	Karkadaka vavu
	23	Tue	21	
	24	Wed	22	
	25	Thu	23	
	26	Fri	24	
	27	Sat	25	
	28	Sun	26	
	29	Mon	27	
	30	Tue	28	
		Wed	29	
		Thu	30	
		Fri	31	Bakrid - H

ACADEMIC CALENDAR 2020 - 2021

AUGUST	2020		SEPTEMBER	
	1	Sat		
	2	Sun		
	3	Mon		
	4	Tue	1	Third Onam
	5	Wed	2	Sree Narayana Guru Jayanthi - H
	6	Thu	3	
	7	Fri	4	
2nd Saturday	8	Sat	5	
	9	Sun	6	
	10	Mon	7	
	11	Tue	8	
	12	Wed	9	
	13	Thu	10	Sreekrishna Jayanthi-H
	14	Fri	11	
Independence Day- H	15	Sat	12	2nd Saturday
	16	Sun	13	
	17	Mon	14	
	18	Tue	15	
	19	Wed	16	
	20	Thu	17	
	21	Fri	18	Reunion Day
	22	Sat	19	
	23	Sun	20	
	24	Mon	21	Sree Narayana Guru Samadhi - H
	25	Tue	22	
	26	Wed	23	
	27	Thu	24	
Ayyankali Jayanthi - H	28	Fri	25	
Muharam	29	Sat	26	
First Onam	30	Sun	27	
Thiru Onam	31	Mon	28	
		Tue	29	
		Wed	30	

ACADEMIC CALENDAR 2020 - 2021

OCTOBER	2020			NOVEMBER
	1	Thu		
Gandhi Jayanthi - H	2	Fri		
	3	Sat		
	4	Sun	1	
	5	Mon	2	
	6	Tue	3	
	7	Wed	4	
	8	Thu	5	
	9	Fri	6	
2nd Saturday Mar Gregorios Day	10	Sat	7	
	11	Sun	8	
	12	Mon	9	
	13	Tue	10	
	14	Wed	11	
	15	Thu	12	
	16	Fri	13	
	17	Sat	14	2nd Saturday Deepavali
	18	Sun	15	
	19	Mon	16	
	20	Tue	17	
	21	Wed	18	
	22	Thu	19	
	23	Fri	20	
Mahanavami	24	Sat	21	
	25	Sun	22	
Vijaya Dasami - H	26	Mon	23	
	27	Tue	24	
	28	Wed	25	
Miladi-Sherif - H	29	Thu	26	
	30	Fri	27	
	31	Sat	28	
		Sun	29	
		Mon	30	

ACADEMIC CALENDAR 2020 - 2021

DECEMBER - 2020	JANUARY - 2021			
	1	Tue		
	2	Wed		
	3	Thu		
	4	Fri	1	
	5	Sat	2	Mannam Jayanthi - H Patron's Day
	6	Sun	3	
	7	Mon	4	
	8	Tue	5	
	9	Wed	6	
	10	Thu	7	
	11	Fri	8	
2nd Saturday	12	Sat	9	2nd Saturday
	13	Sun	10	
	14	Mon	11	
	15	Tue	12	
	16	Wed	13	
	17	Thu	14	
	18	Fri	15	
	19	Sat	16	
	20	Sun	17	
	21	Mon	18	Founder's Day
	22	Tue	19	
	23	Wed	20	
	24	Thu	21	
X'Mas - H	25	Fri	22	
	26	Sat	23	
	27	Sun	24	
	28	Mon	25	
	29	Tue	26	Republic Day - H
	30	Wed	27	
	31	Thu	28	
		Fri	29	
		Sat	30	
		Sun	31	

ACADEMIC CALENDAR 2020 - 2021

FEBRUARY	2021		MARCH	
	1	Mon	1	
	2	Tue	2	
	3	Wed	3	
	4	Thu	4	
	5	Fri	5	
	6	Sat	6	
	7	Sun	7	
	8	Mon	8	
	9	Tue	9	
	10	Wed	10	
	11	Thu	11	Sivaratri - H
	12	Fri	12	
2nd Saturday	13	Sat	13	2nd Saturday
	14	Sun	14	
	15	Mon	15	
	16	Tue	16	
	17	Wed	17	
	18	Thu	18	
	19	Fri	19	
	20	Sat	20	
	21	Sun	21	
	22	Mon	22	
	23	Tue	23	
	24	Wed	24	
	25	Thu	25	
	26	Fri	26	
Attukal Pongala - H	27	Sat	27	
	28	Sun	28	
		Mon	29	
		Tue	30	
		Wed	31	

ACADEMIC CALENDAR 2020 - 2021

APRIL	2021			MAY
Maundy Thursday - H	1	Thu		
Good Friday - H	2	Fri		
	3	Sat	1	May Day - H
Easter	4	Sun	2	
	5	Mon	3	
	6	Tue	4	
	7	Wed	5	
	8	Thu	6	
	9	Fri	7	
2nd Saturday	10	Sat	8	
	11	Sun	9	
	12	Mon	10	
	13	Tue	11	
Vishu - H	14	Wed	12	
	15	Thu	13	
	16	Fri	14	Eid-ul-Fitr
	17	Sat	15	2nd Saturday
	18	Sun	16	
	19	Mon	17	
	20	Tue	18	
	21	Wed	19	
	22	Thu	20	
	23	Fri	21	
	24	Sat	22	
	25	Sun	23	
	26	Mon	24	
	27	Tue	25	
	28	Wed	26	
	29	Thu	27	
	30	Fri	28	
		Sat	29	
		Sun	30	
		Mon	31	

PROGRAMME OUTCOMES (POs)

Engineering Graduates will be able to :

1. **Engineering knowledge** : Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.
2. **Problem analysis** : Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **Design/development of solutions** : Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. **Conduct investigations of complex problems** : Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. **Modern tool usage** : Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **The engineer and society** : Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. **Environment and sustainability** : Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **Ethics** : Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **Individual and team work** : Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

10. **Communication** : Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **Project management and finance** : Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. **Life - long learning** : Recognize the need for, and have the preparation and ability to engage in independent and life- long learning in the broadest context of technological change.

DEPARTMENT OF CIVIL ENGINEERING

Programme Educational Objectives (PEOs)

- I. Graduates of the Programme will have successful career as Civil Engineering practitioners, entrepreneurs or professionals; addressing the needs of the industry with a global perspective.
- II. They will contribute to society as ethical and responsible citizens with proven expertise.
- III. They will engage in continuous professional development and advance to leadership roles in their chosen career.

Programme Specific Outcomes (PSOs)

Engineering Graduates will be able to :

- a) Provide feasible and sustainable solutions to problems in various Civil Engineering disciplines such as Structural, Environmental, Geotechnical, Transportation and Construction Engineering.
- b) Apply the principles, methods, software and codes of practices to design various Civil Engineering Systems.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Programme Educational Objectives (PEOs)

- I. Graduates will be successful professionals in Industries of core or interdisciplinary nature or entrepreneurs demonstrating effective leadership and excellent team work.

II. Graduates will expand the horizon of knowledge through higher education or research, leading to self directed professional development.

III. Graduates will demonstrate professional attitude and ethics while providing solutions in societal and environmental contexts.

Programme Specific Outcomes (PSOs)

Engineering Graduates will be able to :

- (a) Apply Algorithmic Principles, Programming Skills and Software Engineering Principles to design, develop and evaluate Software Systems of varying complexities.
- (b) Apply knowledge of Systems Integration to design and implement computer- based systems.
- (c) Solve real world and socially relevant problems with the knowledge in recent and advanced Computing Technologies.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs):

- I. The graduates of the Programme will have successful career as Professionals in Industry or as Entrepreneurs, encompassing a broad spectrum of areas related to Electronics and Communication Engineering.
- II. They will be able to adapt to the changing needs of Industry and Academia through continuous learning and professional upgrading.
- III. They will exhibit social responsibility in their pursuit for technical excellence.

PROGRAMME SPECIFIC OUTCOMES (PSOs):

Engineering Graduates will be able to :

- a) Design Electronic Circuits and Systems for Communication, Monitoring and Control Applications.
- b) Demonstrate the knowledge, in Electronics, Signal Processing, Embedded Systems and Communication Engineering, required for providing technical Solutions to real world problems.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

- I. Graduates will succeed as Professionals in Industry or as Entrepreneurs in Electrical and Electronics Engineering and related disciplines.

- II. Graduates will be able to adapt to the advances in Technology by continuously acquiring knowledge and skills, with an urge for innovation.
- III. Graduates will be socially committed individuals, exhibiting professional ethics in addressing technical and engineering challenges.

PROGRAMME SPECIFIC OUTCOMES (PSOs)

Engineering Graduates will be able to :

- a) To apply the knowledge in Electrical and Electronics Engineering for the design of Power Generation, Transmission, Distribution and utilization systems.
- b) To demonstrate the knowledge required to design, develop, test, and implement Electrical & Electronics systems.

DEPARTMENT OF MECHANICAL ENGINEERING

Programme Educational Objectives (PEOs)

- I. Graduates will be Engineering Professional, Innovators or Entrepreneurs engaged in Technology Development or implementation of Engineering Systems meeting the Industrial needs.
- II. Graduates will be successful in the pursuit of higher education or research, in Engineering or Management Studies.
- III. Graduates will be self- disciplined and capable of applying technical concepts and skills for the benefit of society.

Programme Specific Outcomes (PSOs)

Engineering Graduates will be able to :

- i) Apply the concepts of Solid Mechanics in the design of Mechanical Engineering systems.
- ii) Apply knowledge of Thermal and Fluid Sciences to solve Engineering Problems.
- iii) Use Simulation Tools and Computer Integrated Systems in Mechanical Engineering.
- iv) Apply advanced manufacturing processes and modern Industrial Management Techniques in Engineering.

KERALA TECHNOLOGICAL UNIVERSITY
REGULATIONS FOR THE BACHELOR OF TECHNOLOGY (B.Tech)
PROGRAMMES

APPLICABLE FROM B.Tech 2020 ADMISSION ONWARDS

Mar Baselios College of Engineering and Technology (MBCET) (hereinafter referred to as College) has been conferred the autonomous status by the University Grants Commission(UGC) of Ministry of Education, Government of India, in July 2020. APJ Abdul Kalam Technological University (affiliating University) (hereinafter referred to as University) has notified the conferment of autonomy in September 2020, based on the directives from the Government of Kerala. The College has adopted Outcome Based Education (OBE) as the broad frame work for instruction and evaluation. Examinations shall be governed by the principles of Outcome Based Education that truly reflects the international viewpoint about the teaching-learning process. These regulations are for the Four Year Bachelor of Technology (B.Tech) Programmes being offered by the various Departments. The Regulations shall be applicable prospectively for the batches admitted from 2020 onwards. Degree will be awarded by the affiliating University.

REGULATIONS

R1. Short Title, Application and Commencement

- R1.1 These Regulations shall be called the Mar Baselios College of Engineering and Technology B.Tech Regulations, 2020.
- R1.2 These are subject to the provisions of the (UGC) (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2018. It is the express understanding that these regulations are subject to the approval of the concerned statutory bodies of the College.
- R1.3 These Regulations shall apply to all B.Tech Programmes offered in the College.
- R1.4 These regulations shall be applicable for students admitted from 2020 onwards.

R2. Admission

- R2.1 The eligibility for admission shall be as decided by the University or the competent statutory authority for admissions from time to time (See Rule RU-1.).

- R2.2 The norms for admission and mode of admission shall be as per the regulations of UGC and the agreement with the Government of Kerala from time to time.
- R2.3 The Branches of study and number of students admitted shall be based on the approval by the All India Council for Technical Education(AICTE) and the University.
- R2.4 A student admitted to a branch of study shall normally continue to study in the same branch. However, branch change shall be permitted to few vacant seats, if any, after successfully completing the First and Second semesters (See Rule RU-2).
- R2.5 If at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by the University or the statutory body concerned, the Principal may revoke the admission of the candidate and report the matter to the University.
- R2.6 Migration of students from other Colleges/Universities shall be permitted in very special cases as per the norms approved by the Academic Council (See Rule RU-3).

R1. Structure of the B.Tech Programme

- R3.1 The duration of the B.Tech Programme shall be 4 years (8 semesters).
- R3.2 The maximum duration one student can take to complete the Programme shall be 12 semesters spanning six academic years.
- R3.3 Every academic year shall have two semesters, normally '1st July to 31st December (Odd semester)' and '1st January to 30th June (Even semester)'. Each semester shall have 75 instructional days and the regular assessments followed by the End Semester Examination.
- R3.4 Academic Calendar: The College shall publish the academic calendar for every academic semester indicating the commencement of the semester, beginning of classes, the course registration date, dates of course and class committee meetings, IQAC audits, schedule for mandatory Continuous Assessment Tests (CATs) for theory courses, dates by which the evaluations in respect of laboratory/practical/project/comprehensive shall be completed, dates for finalization of the attendance/Continuous Assessment (CA) marks, last working day in the semester, dates of End Semester

Examination, date of declaration of results and so on. It shall also indicate approved holidays falling within the semester, dates for the supplementary examinations, etc. Pursuant to the academic calendar, the time table for all classes shall be published.

- R3.5 Every branch of the B.Tech Programme shall have a curriculum and syllabi for the courses as per the framework. The curriculum shall be normally modified/updated once in three years. However, innovative elective courses can be included as and when required, on the recommendations of the respective Board of Studies and subject to the approval of the Academic Council. The syllabus may be revised/updated as frequently as needed to absorb the new topics. Such revisions shall be based on the student feedback/faculty feedback/suggestions from experts and shall be included subject to the recommendations of the Board of Studies concerned.
- R3.6 The academic Programmes of the College follow the credit system. The general pattern is as below, where one Hour means one *credit hour* of 50 minutes:

1 Hour Lecture (L) per week	1 credit
1 Hour Tutorial (T) per week	1 credit
2 Hours Practical (P) per week	1 credit
3 to 4 Hours Practical (P) per week	2 credits

- R3.7 The curriculum of any branch of the B.Tech Programme shall have a requirement of total of minimum 160 earned academic credits and 2(two) additional pass/fail credits.
- R3.8 Number of Credits per semester as per the curriculum shall not be less than 15 or greater than 25.
- R3.9 The College may allow students to transfer credits they have earned at other Universities and Academic Institutions, as per the guidelines given by the Board of Studies and approved by the Academic Council and based on the norms of the affiliating University.
- R3.10 Every course of B.Tech Programme/ B.Tech with Minor/ B.Tech (Honours) shall be placed in one of the ten categories as listed in the Table 1 below, which has been drawn broadly in alignment with the framework of the affiliating University.

Table 1

Sl. No.	Category	Code	Credit
1	Humanities and Social Sciences including Management Courses	HSC	58
2	Basic Science Courses	BSC	26
3	Engineering Science Courses including workshop, drawing, basics of electrical/mechanical/computer etc.	ESC	22
4	Professional Core Courses	PCC	76-78
5	Professional Elective Courses relevant to chosen specialization/branch	PEC	15
6	Open Elective Courses – Electives from other technical and/or emerging areas as specified in the curriculum concerned	OEC	03
7	Project Work & Seminar	PWS	8-10
8	Mandatory Courses	MNC	Non credit
9	Mandatory Student Activities (Pass/Fail)	MSA	2
Total Mandatory Credits			162
10	Value Added Courses (Optional) – Honours/Minor	VAC	20

R3.11 No semester shall have more than six lecture-based courses and two laboratory and/or drawing/ seminar/ project/ mini project comprehensive courses in the curriculum (excluding MNC).

R3.12 The medium of instruction shall be English. All examinations, project/ seminar reports and presentations shall be in English.

R1. Academic Monitoring and Student Support

R4.1 Advisory System

College shall maintain a strong Faculty Advisory system in order to help the students in planning their courses of study and for providing general advice on the academic programme/co scholastic activities/ career guidance. The Department concerned shall assign a certain number of students to a faculty member who will be designated as their 'Faculty Advisor' (FA). There may be two or three FAs for a class and each FA can be in charge of roughly 20 to 25 students. HoD shall nominate one faculty member(preferably a regular faculty with minimum 5 years of experience) among the FAs as the Senior Faculty Advisor (SFA) of that class.

FAs shall be the first point of contact for students and parents. Students shall first approach their FA for all purposes of registration and all kinds of academic advices, leave and all academic/study related matters in the College. FA shall make appropriate recommendations or remarks on the applications submitted by the students before forwarding the same to HoD/other officials as the case may be. The documents regarding all academic and non-academic matters of students under an advisory group shall be kept with the Senior Faculty Advisor during the studies of the students and for a duration after that as decided by the College.

- R4.2 The SFA shall arrange separate or combined meetings with Faculty Advisors, faculty, parents and students as and when required and discuss the academic progress of students under their advisory group. The Senior Faculty Advisor/ Faculty Advisor shall also offer guidance and help to solve the issues on academic matters/non academic matters and guide the students for counselling when needed. Advisory meetings shall preferably be convened:
- i) Immediately after the commencement of the semester.
 - ii) Immediately after announcing the marks of first Continuous Assessment test.
- R4.3 Faculty advisor shall keep the complete record of academics, attendance/leave, disciplinary actions, if any, contact details of parents/local guardians and any other relevant data of the students assigned to him/her. The FA/SFA shall maintain the meeting minutes and action taken reports of the advisory meetings and shall get it noted by the respective Head of the Department.
- R4.4 The FA/SFA will assign the activity points based on the proof produced by the students. They shall consolidate the statements of attendance, activity points and continuous assessment marks of the students in their advisory group. These statements shall be certified by the Head

of Department and forwarded to the Dean(Academic) for approval. An attested copy of these records shall be kept in safe custody of the HoD for all sorts of inspections/verifications, for a duration decided by the College.

R4.5 Parents/Local guardians can maintain contact with the FA of his/her ward or access the online portal for seeking information on the performance of their ward.

R1. Course Committee(CoC)

R5.1 Every common course (electives are excluded) offered to students admitted for the B.Tech Programme irrespective of their Branch of study shall have a Course Committee(CoC) constituted by the Dean(Academic), considering the fact that such courses shall have more than one Instructor/faculty assigned to deliver/conduct the course. The Chairperson of the course committee shall be a senior faculty member not teaching that course in that semester.

Members:-

- i) The members of the faculty who have been assigned to deliver/conduct the course.
- ii) One student representative each from the respective classes, nominated by HoD upon recommendation from SFA.

R2. Class Committee(CC)

R6.1 There shall be one class committee(CC) for every semester for each class(both batches together if applicable) in each Department for each Branch. Class committee will be constituted by the respective Heads of the Departments. The Chairperson of the committee shall be a senior member of the faculty of the Department, who does not offer any course for that class during the semester concerned.

Members:-

- i) All members of the faculty from all Departments who are teaching courses in that semester for that class for which the CC is constituted.
- ii) Two student representatives (minimum) from the same class, nominated by the Head of the Department, upon recommendation from SFA (preferably @one male and one female).
- iii) Senior Faculty Advisor/one Faculty Advisor of each batch of the class of that semester.

- R6.2 Term of office of the Course Committee and Class Committee shall be one semester and are required to be constituted every semester. The course committees and class committees can be convened as and when required. There shall be three meetings in a semester, mandatorily, to discuss and finalize the teaching and evaluation plans, the assessment marks, etc. The first meeting shall be convened within two weeks after the commencement of classes and the second after the first Continuous Assessment test. The third one (without student representatives) shall be towards the end of the semester for the finalization of Continuous Assessment Marks. In every meeting there shall be review on the matters related to the performance of the students, feedback of the students on the teaching, etc.
- R6.3 The Principal or Dean (Academic) or his/her nominee or HoD shall have the right to be present in any class committee meetings or convene the special meetings. The Chairperson of the committee shall record the proceedings of each meeting and communicate a copy of the record the proceedings of each meeting to the HoD concerned for any further actions required.
- R6.4 The responsibilities of the Course/Class Committee include the following:
- i) Discuss the lecture plan, method of evaluation/assessment and the policy formulated by the course faculty/course coordinator. The same shall be announced in the class also in the beginning of the semester. If any modifications arise from the discussions the faculty concerned shall accordingly revise the plans. Copies of the final Course plans and the Minutes of the meetings shall be maintained by the Chairperson of the course/class committee for such durations as decided by the College.
 - i) Review the progress of the classes in terms of adherence of the respective members of the faculty to the course plan and time schedule, standards of continuous assessment tests/assignments etc. and give feedbacks to Dean(Academic)/HoD.
 - ii) Monitor the attendance and progress of the students to identify students with low attendance and poor performance in the tests. Class Committee shall take measures to give necessary advice/warning through FA/HoD. Faculty and CC shall take remedial measures for improving the performance of slow learners in the class, with a view of handholding the academically weak students. In case of financial difficulties of any student to pay the fees, attend

internships, etc. CC shall make proactive moves to help such students.

- iii) Discuss the difficulties/shortcomings/inadequacies in the portions that are part of the curriculum and syllabi and make suitable suggestions and recommendations for the future revisions. These points shall be communicated to Dean (Academic) through the Department.
- iv) Finalize the Continuous Assessment(CA) Marks (meeting to be conducted without the student members). Final CA marks shall be submitted to the HoD in the prescribed format for publishing in the web/notice board to seek corrections/grievance from the students. A copy shall be given to the SFA/FA for follow up.

R1. Registration and Enrolment

R7.1 Registration for the First semester(S1) of the study is automatic upon admission to the B.Tech Programme for all the students. However, from Semesters S2 to S8, it is required by every student to register for the semester and get enrolled for the courses to be credited in that semester. Registration and enrolment shall be done at the beginning of each semester as per the schedule given in the academic calendar and as per the notice issued by the Dean(Academic).

R7.2 A student shall be eligible for the semester registration and course enrolment if and only if he/she completely satisfies the minimum requirements to continue the programme as per the extant regulations and rules and shall be permitted to enroll only if,

- (i) he/she has cleared all the dues in the College, Hostel & Library up to the end of the previous semester,
- (ii) he/she is not debarred from enrolment by a disciplinary action of the College,
- (iii) he/she has paid all the tuition fees and all other relevant fees, if any, prescribed by the College,
- (iv) Progress is satisfactory as per the regulations, and
- (v) Students shall ensure that the teaching evaluation of the courses registered in the previous semester are duly completed.

The procedure and the schedule for the registration will be notified by the Dean(Academic) before the commencement of the next semester.

R2. Minimum Cumulative Credit Requirements for Registering to Higher Semesters

- R8.1 All students admitted in first semester(S1) can continue to the second semester(S2).
- R8.2 The students shall register and enroll to the third semester(S3) after clearing the dues to the College. All students registered for third semester courses and enrolled in third semester(S3) can do the registration and enrollment to the fourth semester(S4).
- R8.3 A student shall earn not less than 21 credits from the first and second semesters(S1 and S2) for registration to the fifth semester(S5). If any student fails to score the above minimum credit requirement to continue the programme, he/she shall be on academic probation, during which he/she is to earn/makeup the deficit credits. If any student still does not qualify to register for the fifth semester, he/she has to discontinue the programme. However, College shall make arrangements of remedial teaching and guidance/counselling well on time to avoid the occurrence of cases of heavy backlogs of credits for the students.
- R8.4 All students registered for fifth semester courses and admitted in fifth semester(S5) can register and enroll to sixth semester(S6).
- R8.5 A student shall earn not less than a total of 47 credits from first to fourth semesters(S1 to S4) for becoming eligible for registration to the seventh semester(S7). If any student fails to score the above minimum credit requirement and if he/she was not on academic probation earlier for more than once, he/she shall be put on academic probation to earn/makeup the deficit credits. If he/she is on academic probation and at the end of the probation period, still does not qualify to register for the seventh semester, he/she has to discontinue the programme. However, College shall make arrangements of remedial teaching and guidance/counselling well on time to avoid the occurrence of cases of heavy backlogs of credits for the students.
- R8.6 The maximum cumulative period of academic probation is two years, in accordance with the extant regulations (See R3.2).

R8.7 All students registered for seventh semester courses and enrolled in seventh semester can register and enroll to the eighth semester(S8).

R8.8 Minimum credit requirements to continue the programme

Semester	Allotted Credits	Cumulative Credits	Required Minimum Cumulative Credits
First	17	17	Not Applicable
Second	21	38	Not Insisted
Third	22	60	Not insisted
Fourth	22	82	Not Insisted
Fifth	23	105	21 Credits from S1& S2
Sixth	23	128	Not Insisted
Seventh	15	143	47 Credits from S1 to S4
Eight	17	160	Not Insisted
Eight	17	160	Not Insisted

R8.9 A student who has not registered for all the core courses listed in the curriculum for a semester shall not be eligible to register for the next higher semester. Any exemptions in this regard shall be subject to the approval of the Academic Council.

R8.10 For the B.Tech programme, the maximum number of additional credits(credit overload/early credit of electives) a student can register in a semester, in excess of the total mandatory credits that normally appears in the curriculum for that semester, is limited to 08(eight) credits.

R8.11 In the situations of changes in the curriculum/syllabus, a student has to register for the approved equivalent courses (meeting the same/higher credits) as per the revised curriculum/syllabus, based on the advice of FA, recommendation of the HoD and approval of Dean (Academic), whenever he/she is allowed to resume the studies

after the period of discontinuation/break of study/academic probation. Only such students who agree and furnish an undertaking in this regard shall be given permission to continue the programme when they return after the discontinuation/break/probation and in the case of changes of curriculum and syllabus getting implemented during the same time period of break of study referred herein.

R1. Assessment Procedure

R9.1 The Academic Council shall decide the pattern of the assessment procedure from time to time, considering the national and global trends. As per the provisions given in the present regulations the evaluation of the academic performance of the student for the purposes of awarding grades and grade points shall be based on a system of Continuous Assessment (CA) and End Semester Examination (ESE). Continuous Assessment (CA) shall be made through the multiple components such as tests, assignments, tutorials, quizzes, presentations, course projects, reports etc. which have been adopted by the faculty during the course delivery, depending on the nature of the course and the content. This shall make only one portion of the total marks to be earned. Remaining portion of the marks shall be earned from the End Semester Examination (ESE) for each of the enrolled course of study in each semester. Distribution of marks for CA and ESE shall be governed by the regulations. (See R10)

R1. Weightage for Assessment Components

R10.1 For all lecture-based courses and for all courses where lectures are clubbed with laboratory practical or drawing or projects etc., the End Semester Examination shall carry a weightage between 50% to 67% of the maximum marks of the course. The remaining weightage is for Continuous Assessment through tests, assignments, tutorials, course projects, presentations etc.

R10.2 For courses where lectures clubbed with practical or drawing or projects etc. assessment procedure shall be a properly weighted combination of those for lectures and those for practical or drawing or project components etc., and shall be decided by the course faculty under intimation to the class committee.

R10.3 End Semester Examination is not mandatory for laboratory/practical/drawing course. If it is planned, it shall be conducted before the last instructional day and the weightage for it will not exceed 50%, and shall be decided by the course faculty under intimation to the class committee.

R10.4 For Project, Mini Project, Seminar, Comprehensive course work and viva voce, the assessment will be continuous assessment (CA) only and the distribution pattern for the weights shall be decided by the panel of evaluators, under intimation to the class committee.

R10.5 For all courses, the course plan and assessment pattern shall be announced in the class at the beginning of the semester and shall be presented in the first meeting of the class committee. Modifications, if any based on the discussions, shall be made by the course faculty under intimation to the class committee. All such records shall be filed and kept by the Chairperson of the class committee.

R1. Continuous Assessment

R11.1 Continuous Assessment (CA) shall be made through the multiple components such as tests, assignments, tutorials, quizzes, presentations, course projects, reports etc. which have been adopted by the faculty during the course delivery, depending on the nature of the course and the content.

R11.2 There shall be minimum two Continuous Assessment Tests (CATs) of 90 minutes duration each, for lecture-based courses and for courses where lectures are clubbed with practical or drawing or projects etc. Each test shall cover roughly 50% of the syllabus so that full syllabus is covered in the continuous assessment.

R11.2 Re-test, covering the entire syllabus, shall be permitted towards the end of the semester for the students who could not appear for the test due to genuine reasons and have duly obtained such permissions in time.

R11.3 For laboratory practical/drawing courses, the method of assessment shall be based on the performance of students in the regular laboratory/practical/drawing classes and the tests and the distribution of weights for the assessment components shall be decided by the course faculty under intimation to the class committee.

A general guideline regarding weightage of various components of the continuous assessment is shown below:

Course	Attendance	CA Tests	Assignment/ Class work/ Course project
Theory	20%	50%	30%
Drawing/ Practical	20%	40%	40%

- R11.4 The tests shall be conducted as scheduled in the academic calendar and shall be administered/ coordinated by the Examination Cell.
- R11.5 The marks of tests shall be consolidated and published on the notice board duly signed by the SFA and the HoD.
- R11.6 Number of assignments/tutorials/presentations/course projects/ reports etc. shall be decided by the course faculty, depending on the nature of the course and the content.
- R11.7 **Submission of marks:** At the end of the semester, the SFA shall forward the consolidated statements of Continuous Assessment Marks prepared by the course faculty and attendance statement for each course to the HoD. These statements shall be vetted by the Class Committee and endorsed by the Head of Department. This step will be in addition to the data entry to be done in the online system maintained by the College for the academic system management.
- R11.8 The certified copy of consolidated attendance and Continuous Assessment marks shall be displayed on the Department Notice Board for at least two working days for the information of students and helping the students to get the corrections done by the Department on time.
- R11.9 Any concerns raised by the students regarding attendance and Continuous Assessment marks shall be submitted to the Chairperson, Grievance Redressal Committee. The committee shall take appropriate steps to ensure proper redressal of the concerns raised by the students. Changes if any shall be made in the records by the respective faculty.
- R11.10 The Continuous Assessment marks and the attendance shall be uploaded to the College portal and forwarded to the Controller of Examinations, after due corrections, if any.
- R11.11 The original statement of Continuous Assessment Marks and Attendance shall be kept in safe custody of the HoD for future verifications.
- R11.12 Students have to earn two mandatory credits, as per the curriculum, through their involvement in various activities. The two credits shall be awarded based on the Activity points earned by the individual student. The Activity points earned by the students shall be published

at the Department at the end of every semester and shall be duly accounted in the assessments as required in the regulations.

R1. End Semester Examination

- R12.1 There shall be an End-Semester examination (ESE) of three hours duration for each lecture based course and for each course where lectures are clubbed with practical or drawing or projects etc. The End Semester Examinations for all such cases shall be proctored and conducted by the Controller of Examinations.
- R12.2 The regular class works shall be completed well before the commencement of the End Semester Examinations, duly covering the portions envisaged in the syllabus with an emphasis on higher learning achievements for the students.
- R12.3 The eligibility criteria for registering to the End Semester Examination are the mandatory percentage of attendance in the course (as per R17) and no disciplinary actions pending. Students who do not meet the eligibility criteria are awarded an FE grade.
- R12.4 The regular End Semester Examinations (ESE) shall be held twice in a year. That is, one respectively at the end of each semester odd/even, namely – April/May session (for even semesters) and October/November session (for odd semesters).
- R12.5 The students can apply for re-evaluation of the answer scripts of the End Semester Examination within 3 working days from the date of declaration of results. The final mark awarded will be the better of the two marks. If the difference in marks obtained in re-evaluation and the original evaluation is more than 15% of the maximum marks, Answer scripts shall be sent for third evaluation. The final mark shall then be the average of the two closer marks obtained in the three evaluations, to the advantage of the applicant or the mark obtained in the original evaluation whichever is higher. Results shall be kept on hold in the cases of re-evaluation till the final result is announced after the completion of the re-evaluation process. This process will be handled by the Examination Cell.
- R12.6 After publication of results, students can apply for scrutiny of answer scripts in the cases where the students have doubt about the grades received and suspect an error in the totaling of marks. The corrected results after scrutiny shall be published, in case of discrepancy of marks. Results shall be kept on hold in the cases of scrutiny till the final result is announced after the completion of the scrutiny process.

- R12.7 Supplementary/Re-examination shall be conducted for making up the chance lost for absent/failed students of a regular examination as the case may be, after the publication of results of the same. Appearing for the Re-examination by absent/failed students may be deemed as a supplementary chance. In order to save the year and to enable smooth progress of the slow learners, annual supplementary examination for all semesters (courses) will be conducted, preferably before the starting of the next academic year. In all cases, the declaration of results of the regular examinations shall be completed within the timeframe possible before the commencement of the odd/even semester.
- R12.8 Students, who have completed a course (lecture-based courses and courses where lectures are clubbed with practical/drawing/projects etc.), but could not write the End Semester Examination, shall be considered as absent and shall be awarded "F" Grade, provided they meet other eligibility criteria (R12.3). They can appear for the End Semester Examination at the next opportunity and earn the credits without having to register (course registration) for the course again.
- R12.9 The students with FE grade shall register for the courses during the normal semesters in which the courses are offered again. However, for the seventh and eighth semester FE grade students can register for the courses in the next immediate chance, when offered.
- R12.10 In case of Laboratory/Practical/Workshop/Drawing courses, if the student has not completed the course assessments, or did not meet the minimum attendance requirement of 75%, or scored less than 50% in the assessment, he/she shall be awarded an "I" grade against the course. The final grade will be given only after fulfilling the requirements of the course.
- R1. Evaluation of Project/Thesis, Seminar and Comprehensive Viva Voce**
- R13.1 Project/Thesis work in the curriculum shall be normally done by a group of 3 to 5 students. Objective of the project is to facilitate higher order learning through the engagement with the project work and will be done in two phases in Semesters VII and VIII. The project work will be evaluated by a panel of evaluators appointed by the HoD. Panel of evaluators for Phase I of the project (in Semester VII) shall comprise the HoD/Senior Faculty member, Project Coordinator and the Project Supervisor.

The final evaluation of Phase II of the project in S8(in Semester VIII) shall be done by a panel with one expert from Industry/research institute and a senior faculty from sister Department, in addition to the project coordinator and project supervisor. Interim evaluations shall be done by the panel, without the external expert. The modalities and the distribution of marks of assessment/evaluation shall be decided by the panel of evaluators and shall be announced in the class committee. The selection of the external experts for project evaluation, shall be with the prior approval of the Dean (Academic).

- R13.2 On completion of the project work, each of the student shall submit a report in the prescribed format to the Department. Number of copies and the format shall be as per the Department guidelines. Soft copy of the report shall be submitted to the College Digital Library after due check for plagiarism.
- R13.3 Seminar as per the curriculum shall be presented by individual student. This shall be assessed by a panel of evaluators decided by the HoD, comprising of one senior faculty, seminar coordinator and seminar guide. Method of assessment/evaluation shall be decided by the panel of evaluators and shall be announced in the class committee.
- R13.4 After the successful presentation of the seminar, the student shall submit a report in the prescribed format to the Department. Number of copies and the format shall be as per the Department guidelines.
- R13.5 The Comprehensive viva voce shall be conducted in the eighth semester largely based on the core courses studied from third to eighth semester and the comprehension of the topics of the discipline. The viva voce shall be conducted by the panel of evaluators (excluding project supervisor) assigned for final project phase II evaluation towards the end of the semester (Project coordinator, expert from Industry/research Institute and senior faculty from a sister Department).
- R13.6 Highest ethical standards shall be followed in the preparation of all the reports and research papers.

R1. Pattern of Grading

- R14.1 A student will be eligible for the award of B.Tech Degree of the University on satisfying the following requirements:

- i) Fulfilled all the curriculum requirements within the stipulated duration of the Programme.
 - ii) Earned the required minimum credits as specified in the curriculum for the branch of study.
 - iii) No pending disciplinary action.
- R14.2 Students registered for a course have to attend the course regularly and undergo the Continuous Assessment and appear for the End Semester Examinations. Credits for the course are deemed to be earned only on getting at least a pass grade 'P' or better in the composite evaluation.
- R14.3 For lecture-based courses and courses where lectures are clubbed with practical/drawing/projects etc. the pass minimum shall be 40% for the End Semester Examination and 50% of CA and ESE put together. Grade 'F' will be awarded to the student for the course if either his/her mark for the End Semester Examination (ESE) is below 40 % or the overall mark [Continuous Assessment + End Semester Examination] is below 50 %.
- R14.4 Students who received F grade in an End Semester Examination shall have to appear for the End Semester Examination at the next opportunity and earn the credits. They shall not be permitted to register for the course again. The CA marks will be carried forward.
- R14.5 Grading is based on the overall marks obtained by the student in a course, as given in RU14.8. The grade card shall only give the grades against the courses the student has registered. Semester grade card shall give the grade for each registered course, Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average (CGPA).
- R14.6 There is no provision for improving the grades awarded to the student.
- R14.7 Grade cards shall be issued by the College to the student after acquiring minimum 'P' grade for all the courses in the semester. On earning the required credits for the degree, the College shall issue the final consolidated grade sheet for the B.Tech programme including CGPA.

R14.8 Grade and Grade Points

Grades	Grade Point (GP)	% of Total Marks obtained in the Course
S	10	90% and above
A+	9.0	85% and above but less than 90%
A	8.5	80% and above but less than 85%
B+	8.0	75% and above but less than 80%
B	7.5	70% and above but less than 75%
C +	7.0	65% and above but less than 70%
C	6.5	60% and above but less than 65%
D	6.0	55% and above but less than 60%
P (Pass)	5.5	50% and above but less than 55%
F (Fail)	0	Below 50% (CA+ ESE) or Below 40 % for ESE
FE	0	Failed due to lack of eligibility criteria (R12.3)
F	0	Could not appear for the End Semester Examination but fulfills the eligibility criteria, for lecture-based courses and courses where lectures are clubbed with practical/drawing/projects etc.
I	0	Failed to satisfy the requirements (R12.10) for Laboratory/Practical/ Workshop/Drawing courses
CGPA 8.0 and above		First class with Distinction
CGPA 6.5 and above		First class
Equivalent percentage mark shall be = $10 \times \text{CGPA} - 2.5$		

R15. Calculation of SGPA/CGPA

R15.1 Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) are calculated as follows.

$$SGPA = \frac{\sum C_i \times GP_i}{\sum C_i}$$

where ' C_i ' is the credit assigned for a course and ' GP_i ' is the grade point for that course. Summation is done for all courses specified in the curriculum of that semester.

$$CGPA = \frac{\sum C_i \times GP_i}{\sum C_i}$$

where ' C_i ' is the credit assigned for a course and " GP_i " is the grade point for that course. Summation is done for all courses specified in the curriculum up to that semester for which the 'CGPA' is needed.

CGPA for the B.Tech programme is arrived at by considering all course credits that are needed for the degree and their respective grade points.

R15.2 A student shall earn 2(two) credits by actively involving in co-curricular and extra-curricular activities as per the guidelines issued from time to time. On getting minimum 100 activity points the student satisfies the requirement and earns the two credits which shall not be counted for the calculation of CGPA but shall be mandatory for the award of the degree.

R3. Break of Study

R16.1 A student is permitted to avail break of study:

- i) In case of accident or serious illness needing prolonged hospitalization and rest.
- ii) In case the student has a bright idea and would like to initiate a start-up venture or develop a product.
- iii) In case of any personal reasons that need a break in study.
- iv) For internship leading to employment.

R16.2 For break of study due to illness, student shall submit all necessary medical reports together with the recommendation of the doctor treating him giving definite reasons for break of study and its duration. Before joining back, the student should submit the fitness certificate from the doctor who had treated him.

- R16.3 Students who want to initiate a start-up venture or a product development, have to submit a project report, clearly indicating the purpose, action plan, technical details, funding details and future plans to the Principal. The Principal shall evaluate the proposal by constituting an expert team consisting of a technocrat and a bank executive and take an appropriate decision based on the team's recommendation. The break of study for the startup shall be permitted only after the 4th semester for a maximum duration of two semesters. This is however permitted only on successfully completing the courses listed out in all the four semesters.
- R16.4 Students who require a break of study due to personal reasons shall convince the Principal on the genuine need of it by giving authentic evidence for the same.
- R16.5 Students who require break of study for 'internship leading to employment' shall produce the offer letter obtained from the employer concerned. The Principal shall verify the authenticity of the offer and take appropriate decision, based on the recommendation of the standing committee.
- R16.6 Break of study for an academic year is the preferred option to break of study for a semester.
- R16.7 Students shall have to rejoin on the first working day of the next immediate semester after the break of study.
- R16.8 Students readmitted after break of study shall continue their studies in the existing scheme to which he/she was readmitted. The exemption and addition of courses to be registered, the transitory courses (approved by the Academic Council), if any due to curriculum change, shall be decided by the respective Board of Studies.

R17. Attendance

- R17.1 Students are expected to attain 100% attendance for all courses. However, under unavoidable circumstances they are permitted to avail leave. Total leave of absence shall not exceed 25% of the academic contact hours for a course and 75% attendance is mandatory for registering to the End Semester Examination.
- R17.2 Condonation of shortage of attendance up to 15% will be considered on medical grounds, to write the End Semester Examination. This shall be permitted for one or more courses registered in the semester. The relaxation/condonation of attendance on medical grounds is applicable only twice during the entire programme period. In case of prolonged illness, break of study is permitted as per R16.2.

- R17.3 There can be relaxation up to a maximum of 10% to students participating in officially sponsored National level competitions/ championships/ tournaments which will be granted in the form of duty leave. The student shall get prior permission from the Principal before participating in such events. Such students should produce the participation certificate countersigned by the University Sports Coordinator/Director of Physical Education in the case of sports activities and the Senior Faculty Advisor in the case of other extracurricular activities within ten days of the event. The participation certificate thus produced shall be forwarded to the Principal with the due recommendation of the respective Head of the Department. Under no circumstances, the Principal shall consider the certificate if the overall physical attendance of the candidate is less than 60%. Late applications received shall not be considered on any account.
- R17.4 There can be relaxation up to a maximum of 5% to students for organizing extra/ co-curricular activities which will be granted in the form of duty leave. Such students should produce the required documents countersigned by the University Sports Coordinator/ Director of Physical Education in the case of sports activities and the Senior Faculty Advisor in the case of other extra/ co-curricular activities within ten days of the events. The documents thus produced shall be forwarded to the Principal with the due recommendation of the respective Head of the Department. Under no circumstances, the Principal shall consider the documents, if the overall physical attendance of the candidate is less than 60%. Late applications received shall not be considered on any account.
- R17.5 A summary of all cases of attendance relaxation shall be reported to the Academic Council.

R18. Discipline

- R18.1 Discipline is of paramount importance in the College. Every student is required to observe discipline and decorous behaviour both inside and outside the campus and not to indulge in any activities, which shall spoil the decorum and tend to bring down the prestige of the Institution.
- R18.2 Ragging of any nature is a criminal and non-bailable offence. Involvement in ragging shall lead to stringent punishment, including imprisonment as per the law of the land. A student, whose involvement in ragging is established, shall be summarily dismissed from the College. In all cases of harassment, if any, of the junior students by the seniors, the College level Anti-Ragging Committee will take appropriate decisions for immediate implementation by the College. Each student of the College, along with his/her parent,

is required to give an undertaking in this regard and the same is to be submitted at the time of admission to the College.

R19. Malpractices in Examinations

- R19.1 Every student is required to be scrupulous and is expected to observe discipline and decorous behavior in the campus, classrooms and examination halls. Any act of indiscipline, misbehavior, use of unfair practice in examinations, threatening, damage to the College property, etc. shall be deemed as acts of indiscipline and shall be referred to the Disciplinary Action Committee (DAC) appointed by the College for detailed inquiry and measures thereon.
- R19.2 Malpractices in examinations shall be viewed seriously and any such incident observed or reported by a faculty member or an invigilator associated with the examinations shall be reported to the Controller of Examinations, who in turn shall refer it to the DAC. On the basis of the report and evidence available or gathered, DAC shall immediately initiate an enquiry by charging the student and also by giving the student a chance to explain his/her case. The committee shall recommend the course of action in line with the guidelines in the examination manual and forward it to the Head of the Institution/Professor nominated by the Head of the Institution, for action.
- R19.3 The actions are to be based on the severity of the offence and are to be dealt with, on a case-to-case basis. The student, if desires, may appeal to the Grievances Redressal Committee for a relook on the decision. Based on the committee's report, the Principal shall take a final decision on the matter.

R20. Academic Auditing

- R20.1 There shall be system of academic auditing and the audit shall be conducted in each Department of the College at stipulated intervals. The academic auditing shall be conducted by the Internal Quality Assurance Cell (IQAC) constituted as per the guidelines of UGC. The Internal Quality Assurance Cell (IQAC) shall audit all the academic activities including all internal/ESE evaluations and examinations. This cell shall prepare academic audit statements. These reports shall be presented to the Principal for further action.

Academic auditing shall cover: -

- i) Course delivery and adherence to the course plan, syllabus coverage, quality of question papers used for Continuous Assessment Tests, Continuous Assessment, maintenance of

laboratory experimental set ups and equipment, practical assignments, mini projects/projects/comprehensive viva voce and conduct of practical classes and their evaluation.

- ii) Co-curricular and Extra-curricular activities available for students, the monitoring mechanism of activity points to be earned by the students.
- iii) The audit shall cover the key performance indicators prescribed by NBA/NAAC/NIRF/University and the lack/inadequacy shall be promptly brought to the notice of the Principal.

R21. Minor in Engineering leading to B.Tech with Minor

- R21.1 All students of B.Tech Programme shall be eligible to register for Minor in Engineering, if they desire.
- R21.2 The registration to Minor in Engineering shall be along with the registration to the 3rd semester. The batch size of a minor program can be between 20(-)10% to 60(+)-10%. That is number of students in a batch be in between 18 to 66. Each batch shall be mapped to a faculty member.
- R21.3 If a student fails in any course of the minor, he/she shall not be eligible to continue with B.Tech Minor option. There won't be any supplementary examination for the courses chosen for Minor. However, the additional credits and grades thus far earned by the student shall be included in the grade card but shall not be considered in calculating the CGPA.
- R21.4 The student shall earn 20 additional credits to be eligible for the award of B.Tech Degree with Minor in specified field. Total credits required is **182** (162 + 20 credits from value added courses).
- R21.5 Out of the 20 additional credits, 12 credits shall be earned by undergoing a minimum of 3 courses, during the specified period. The number of contact hours for these courses shall be 15 hours/credit. The duration of a course shall be minimum 15 weeks. Of these three courses, one shall be a mini project to be done in Seventh Semester, based on the chosen area of study. The remaining 8 credits could be earned from two or more MOOCs offered by reputed online platforms (NPTEL, SWAYAM, Coursera etc.) recommended by the Board of Studies and approved by the Academic Council.
- R21.6 The curriculum and the syllabus of the contact courses shall be recommended by the Board of Studies and approved by the Academic Council.

- R21.7 The assessment of the contact courses and award of credits shall be exactly as that of regular courses. R9 to R15 shall be followed in assessment and evaluation of the contact classes. The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the MOOCs conducting agency in proof of credit attainment.
- R21.8 The certificate of B.Tech degree with Minor shall be issued by the University to the students who fulfill all the academic eligibility requirements for the B.Tech programme and Minor in Engineering.
- R21.9 The College shall not charge any additional fee from the students for registering to additional courses for B.Tech with Minor.

R22. B.Tech (Honours)

- R22.1 All B.Tech students are eligible to register for B.Tech (Honours). However, their mandatory CGPA at the end of eighth semester shall be **8.5** or higher to be eligible for the award of B.Tech (Honours).
- R22.2 A student can take Honours and Minor together, if they wish.
- R22.3 The registration to B.Tech (Honours) shall be along with the registration to the 4th semester.
- R22.4 If a student fails in any course including the course chosen for B.Tech (Honours), he/she shall not be eligible to continue with B.Tech (Honours). However, the additional credits thus far earned by the student shall be included in the grade card but shall not be considered in calculating the CGPA.
- R22.5 A student shall earn 20 additional credits to be eligible for the award of B.Tech (Honours) Degree. Total credits required is **182** (162 + 20 credits from value added courses).
- R22.6 Out of the 20 Credits, 12 credits shall be earned by undergoing minimum three specified B. Tech (Honours) Elective courses of the respective stream. Students have to get at least 'C' grade or better in all the additional courses for award of B.Tech (Honours). The remaining 8 credits could be acquired through two or more MOOCs offered by reputed online platforms (NPTEL, SWAYAM, Coursera etc.) of the respective streams recommended by the Board of studies and approved by the Academic Council. There won't be any supplementary examination for the courses chosen for Honours. The student shall not be permitted to select the normal elective courses of the respective B.Tech programmes for attaining the additional credit requirements of B.Tech (Honours).

- R22.7 The assessment and certification of the MOOCs shall be as per the prescribed norms of the MOOCs. The candidate shall produce the certification issued by the MOOCs conducting agency in proof of credit attainment so as to enable the credit transfer.
- R22.8 The College shall not charge any additional fee from the students for offering B.Tech (Honours) courses.
- R22.9 B.Tech (Honours) Degree shall be issued by the University to the students who fulfill all the academic eligibility requirements for the B.Tech and B.Tech (Honours) programmes.

R23. Grace Marks for Sports /Arts Competitions

- R23.1 Only regular bona-fide candidates are eligible for the award of grace marks.
- R23.2 The criterion for the award of Grace Marks is representing the University in officially sponsored national level competitions/ championships/ tournaments when called upon to do so. The student shall get official prior permission from the University for representing the University.
- R23.3 The maximum grace marks that can be awarded to a candidate in a particular semester for all activities put together shall be 5% of the aggregate maximum End Semester Examination marks of all theory courses for which the College conducts End Semester Examinations.
- R23.4 The maximum grace marks that can be awarded to a student for a theory course in a particular semester for all activities put together shall not exceed 10% of the maximum marks of End Semester Examination of the course.
- R23.5 The grace marks shall not be awarded to a student for Practical/ Lab/ Viva Voce/ continuous assessment/Seminar/Comprehensive course work and viva voce etc. even though she/he fails for the same.
- R23.6 Eligible grace marks shall be distributed equally on all theory courses of an examination. However, re-distribution of grace marks shall be allowed only in the case of those courses of an examination for which the candidate has passed. Re-distribution is possible from passed courses to failed courses only. Re-distribution of grace marks is not permissible from failed courses to other courses for a pass.
- R23.7 The grace marks shall be awarded for all theory courses in a semester.

- R23.10 If the candidate does not secure the minimum marks required for a pass even after effecting re-distribution, eligible moderation fixed by the respective board if any, shall be awarded to that candidate in addition to the grace marks for a pass.
- R23.11 Eligible grace marks shall be awarded for the regular examination of the performing semester only. Grace marks shall not be awarded for supplementary examinations.
- R23.12 The performing semester shall be considered from 1st July to 31st December (Odd semester) and 1st January to 30th June (Even Semester).
- R23.13 Grace marks shall be awarded on the basis of performance in the respective semester.
- R23.14 The request for grace marks shall be submitted to the Dean (Academic) through the Head of Dept. along with all relevant documents, within the time limit prescribed by the College. The request for grace marks received after the time limit shall not be entertained on any account.
- R23.15 Only a single highest achievement during the period of a semester shall be considered for awarding the grace marks.
- R23.16 Due approval from Academic Council will be taken for granting the Grace Marks.

R24. Grace Marks for Persons with Disability (PWD)

- R24.1 A person with disability means a person suffering from not less than 40% of any disability as certified by the District Medical Board. To be eligible for the grace marks, the certificate of disability specifying the percentage of disability shall be produced before the Principal at the time of admission.
- R24.2 The grace marks that can be awarded for PWD candidates shall be 25% of the marks scored by the candidate in each course at the time of finalization of the results.
- R24.3 Transfer of marks from one course to another shall not be permitted. Fractions of marks if any, while computing the grace marks shall be rounded off to the next higher integer.
- R24.4 PWD candidates who are eligible for grace marks shall be awarded grace marks for regular and supplementary chances until they pass the whole examination.

- R24.5 Grace marks shall be awarded only for the marks of the End Semester Examinations.
- R24.6 The request for grace marks shall be submitted to the Controller of Examinations through the Head of Dept. along with all relevant documents, within the time limit prescribed by the College. The request for grace marks received after the time limit shall not be entertained on any account.
- R24.7 Due approval from Academic Council will be taken for granting the Grace Marks.
- R25. Student Welfare Committee**
- The College shall have a Student Welfare Committee, constituted by the Principal.
- R26. Grievance Redressal Committee**
- The College shall have a Grievance Redressal Committee constituted by the Principal.
- R27. Disciplinary Action Committee**
- The College shall have a Disciplinary Action Committee (DAC) constituted by the Principal. The constitution of the DAC and its functioning are detailed in the Examination Manual.
- R28. Academic Integrity**
- College shall establish the mechanism as prescribed in the UGC regulations, to enhance awareness about responsible conduct of research and academic activities, to promote academic integrity and to prevent plagiarism.
- R29. Removal of Difficulty**
- College reserves the right to remove difficulty/difficulties in the course of implementations of these Regulations in consultation with the appropriate statutory bodies.
- R30. Revision of Regulations and Curriculum**
- R30.1 The Academic Council of the College reserves the right to revise or change or amend the rules and regulations, the scheme of examinations, the curriculum and the syllabi from time to time, if found necessary, and will be intimated to the University.

- R30.2 In the event of any clarification in the interpretation of the rules and regulations, they shall be referred to the Standing Committee. The Standing Committee will offer suitable interpretations/ clarifications /amendments required for special case on such references and get them ratified in the next meeting of the Academic Council. The decision of the Academic Council is final.
- R30.3 The Principal shall inform/forward or delegate to inform/forward all regulations, guidelines, communications, announcements etc. issued by the regulatory bodies and the affiliating University regarding student academic and other matters to the HoDs for information and timely action.
- R30.4 Principal shall implement/delegate to implement the reforms in the academic processes by way of the orientation programs to the HoDs, SFAs and FAs regarding student counseling, the prevailing norms, regulations, guidelines and procedures on all academic and other student related matters.

RULES

RU-1 Admission Procedure

- (a) Government Quota (50% of the approved intake):

Allotted by the office of Commissioner for Entrance Examination (CEE) from the list prepared based on the rank obtained in Kerala Engineering Architecture Medical (KEAM) entrance examination by Govt. of Kerala. Reservation of seats is as per the Government regulations.

- (b) Management Quota (50% of the approved intake):

The admissions to the management quota are done based on the agreement signed by the State Government with the Colleges coming under the Kerala Catholic Engineering College Managements' Association (KCECMA) and the prospectus approved by the Admission Supervisory Committee, Government of Kerala.

The applications are to be submitted online to the College admission portal on or before the date mentioned in the prospectus. A rank list prepared by apportioning the marks obtained in the entrance examination conducted by the CEE and the marks obtained for mathematics, physics and chemistry/ equivalent subjects in the qualifying examination. The marks will be apportioned in the ratio of 50:50. The seats are filled from this rank list.

- (c) An additional 3% of sanctioned intake under Fee Waiver Scheme will be allotted by the Commissioner of Entrance Examinations.
- (d) Admission under OCI/PIO/FN category will be as per the norms.

RU-2 Branch Change

- RU-2.1 A student admitted to a particular branch of the B.Tech program will normally continue studying in that branch till completion.
- RU-2.2 However, in special cases the college may permit a student, who has requested for a change from one branch of study to another, after the first two semesters, strictly in accordance with the provisions laid down hereinafter.
- RU-2.3 Only those students who have (a) earned all the credits prescribed in the first two semesters of their studies, and (b) obtained a CGPA not lower than 8.5 at the end of the second semester will be eligible for consideration for a change of branch after the second semester.
- RU-2.4 Change of branch shall be made strictly on the basis of CGPA of S1 & S2 at the end of second semester of the applicant. Ties shall be broken by the marks obtained in S1 & S2 for Mathematics, Physics, and Chemistry taken in that order.
- RU-2.5 Change of branch to/from will be considered only against the vacant seats within the sanctioned strength limited to overall 2.5% (rounded to the nearest integer) of sanctioned intake of the branch in the college.
- RU-2.6 The notification regarding the transfer of branch shall be published in the website of the College after the second semester examination. The College shall collect the applications from the students and list of students whose branch changes are approved shall be put in the notice board/College website.
- RU-2.7 Students can give only one choice of branch, to which they wish to change over.
- RU-2.8 All changes of branch made in accordance with the above rules will be effective from the third semester of the applicants concerned. No change of branch shall be permitted thereafter.
- RU-2.9 The change of branch will be final and binding on the applicant. No student will be permitted, under any circumstances, to refuse the change of branch once offered.

RU-2.10 The appropriate credits applicable to the new branch of study earned by the student in the first two semesters will be transferred to him in the new branch.

RU-3 Norms for Migration from other Colleges/Universities

RU-3.1 Migration of meritorious students from other Colleges shall be permitted to third semester only.

RU-3.2 Migration shall be allowed only within the sanctioned strength of the College.

RU-3.3 The following Category of students shall not be eligible for migration:

- i) Govt. of India Nominee
- ii) Management Quota in Aided Colleges
- iii) Management Quota in Private Self-Financing Colleges
- iv) Students admitted under NRI/PIO Quota
- v) Lateral Entry Students
- vi) Students admitted under TFW Scheme.
- vii) Students admitted in any Supernumerary Seats.
- viii) Any other category which are ineligible as per the conditions for admission prescribed by Govt. of Kerala/Govt. of India.

RU-3.4 The student shall fulfill the affiliating University's eligibility criteria for admission to the Programme applied for migration.

RU-3.5 The student should have passed all the courses in the lower semesters and secured a minimum CGPA of 8.5 (First and second semester together) and shall fulfill the academic eligibility requirement for promotion to the third semester.

RU-3.6 The student seeking migration shall submit copies of all certificates and mark lists upto the last semester including secondary and higher secondary examinations.

RU-3.7 The student seeking migration shall submit copies of rules and regulations, curriculum and syllabus certified by the Principal (in the case of Autonomous College)/ the Registrar (in the case of affiliated Colleges/Universities) along with the application for migration.

- RU-3.8 The student seeking migration shall submit no objection certificate, migration certificate and conduct certificate from the parent College/ University.
- RU-3.9 The students shall not be permitted to change the branch of study and the selection of students in each branch shall be on the basis of CGPA earned till the previous semester.
- RU-3.10 The respective Board of Studies shall examine each migration case and shall decide on any addition, exemption or substitution of courses the student has to undergo based on the courses so far completed and the academic requirement of existing curriculum and syllabus of the College.
- RU-3.11 The credits so far earned by the student in the parent University will be transferred as per the clauses in the regulations for the respective Programme and as per the pattern of credits followed in the existing regulations, through a mapping process. The respective Board of Studies will decide the equivalency of the courses and the credits to be transferred in each case subject to approval by the Academic Council.
- RU-3.12 The extant curriculum, syllabus, rules and regulations of the College shall be applicable to the migrated students.

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
Academic Calendar June 2020 – January 2021

Day		Nov - 20		Dec - 20		Jan - 21
Sun	1					
Mon	2					
Tue	3		1			
Wed	4		2			
Thu	5		3			
Fri	6		4		1	
Sat	7		5	Course Registration	2	MannamJayanthi Patron's Day-H
Sun	8		6		3	
Mon	9		7	Class Committee Meeting	4	
Tue	10		8		5	
Wed	11		9		6	
Thu	12		10		7	
Fri	13		11		8	
Sat	14	Deepavali	12	Second Saturday	9	Second Saturday
Sun	15		13		10	
Mon	16	B.TechSIP Starts	14		11	
Tue	17		15		12	
Wed	18		16		13	
Thu	19		17		14	
Fri	20		18		15	
Sat	21		19	Christmas Vacation starts	16	CA Test 1 Day 1
Sun	22		20		17	
Mon	23		21		18	CA Test 1 Day 2
Tue	24		22		19	CA Test 1 Day 3
Wed	25		23		20	
Thu	26		24		21	
Fri	27	B.Tech SIP Ends	25	Christmas Day	22	
Sat	28		26		23	
Sun	29		27	Christmas Vacation end	24	
Mon	30	B.TechSemester 1 (S1)Class starts	28		25	
Tue			29		26	Republic Day
Wed			30		27	Class Committee Meeting
Thu			31	Bakrid	28	Birthday of Ayyankali Onam vocation begins
Fri					29	Muharram
Sat					30	First Onam
Sun					31	Thiruvonam

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
Academic Calendar June 2020 – January 2021

Day		Feb-21		Mar-21		Apr-21
Mon	1		1			
Tue	2		2			
Wed	3		3			
Thu	4		4		1	Maundy Thursday H
Fri	5		5		2	Good Friday-H
Sat	6		6	Non instructional day	3	
Sun	7		7		4	Easter
Mon	8		8		5	CA Marks to CoE
Tue	9		9		6	
Wed	10		10	Publication of attendance as on 8 th March 2021	7	Exam Day 1
Thu	11		11	MahaSivarathri-H	8	
Fri	12		12		9	Exam Day 2
Sat	13	Second Saturday	13	Second Saturday	10	Second Saturday
Sun	14		14		11	
Mon	15		15	CA Test 2 Day 1	12	Exam Day 3
Tue	16		16	CA Test 2 Day 2 Attendance to CoE	13	
Wed	17		17	CA Test 2 Day 3	14	Vishu/Dr Ambedkar Jayanthi-H
Thu	18		18	Lab Exam Day1 Registration for S1 End Semester Exam	15	Exam Day 4
Fri	19		19	Lab Exam Day2	16	
Sat	20	Non instructional day	20	Lab Exam Day3	17	Exam Day 5
				S1 Semester Class ends		
Sun	21		21		18	
Mon	22		22	Re-test Day 1	19	
Tue	23		23	Re-test Day 2	20	
Wed	24		24	Re-test Day 3	21	
Thu	25		25		22	
Fri	26		26	S1 Study Leave begins	23	
Sat	27		27		24	
Sun	28		28		25	
Mon			29	Class Committee Meeting Publication of CA Marks	26	Class Committee Meeting
Tue			30		27	Publication of S1 Results
Wed			31		28	
Thu					29	
Fri					30	

APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
Academic Calendar June 2020 – January 2021

Day		May-21		Jun-21
Sat	1	May Day-H		
Sun	2			
Mon	3	Day 1 Sup.exam 1		
Tue	4	Day 2 Sup.exam 1	1	
Wed	5	Day 3 Sup.exam 1	2	
Thu	6	Day 4 Sup.exam 1	3	
Fri	7	Day 5 Sup.exam 1	4	
Sat	8	Second Saturday	5	
Sun	9		6	
Mon	10	Start of Semester 2	7	
Tue	11		8	
Wed	12		9	
Thu	13	Idul' Fitr Ramzan-H	10	
Fri	14		11	
Sat	15		12	Second Saturday
Sun	16		13	
Mon	17		14	
Tue				
Wed	19		16	
Thu	20		17	
Fri	21		18	
Sat	22		19	
Sun	23		20	
Mon	24		21	
Tue	25		22	
Wed	26		23	
Thu	27		24	
Fri	28		25	
Sat	29		26	
Sun	30		27	
Mon	31		28	
Tue			29	
Wed			30	

Mar Baselios College of Engineering & Technology (Autonomous)

Department:

Academic Year: Semester: Starting date:.....

Time Table

Odd Semester

Faculty name:

Day Time	8.30 - 9.20	9.40 -10.30	Break	10.40 - 11.30	11.50 - 12.30	12.45 - 1.30	
Mon							
Tue							
Wed							
Thu							
Fri	8.00 - 8.50	9.00 - 9.50			10.00 - 10.50	11.10 -12.00	12.10 - 1.00
Sat	8.30 - 9.20	9.40 - 10.30			10.40 - 11.30	11.50 - 12.30	12.45 - 1.30

Sub Code	Name	Faculty Name

Title	Name	Office Hour*	Office
1.Advisor(Coordinator)		Day: Hr.	
2. Advisor		Day: Hr.	

Mar Baselios College of Engineering & Technology (Autonomous)

Department: _____

Academic Year: Semester: Starting date:.....

Time Table

Even Semester

Faculty name:

Day Time	8.30 - 9.20	9.40 -10.30	Break	10.40 - 11.30	11.50 - 12.30	12.45 - 1.30	
Mon							
Tue							
Wed							
Thu							
Fri	8.00 - 8.50	9.00 - 9.50			10.00 - 10.50	11.10 -12.00	12.10 - 1.00
Sat	8.30 - 9.20	9.40 - 10.30			10.40 - 11.30	11.50 - 12.30	12.45 - 1.30

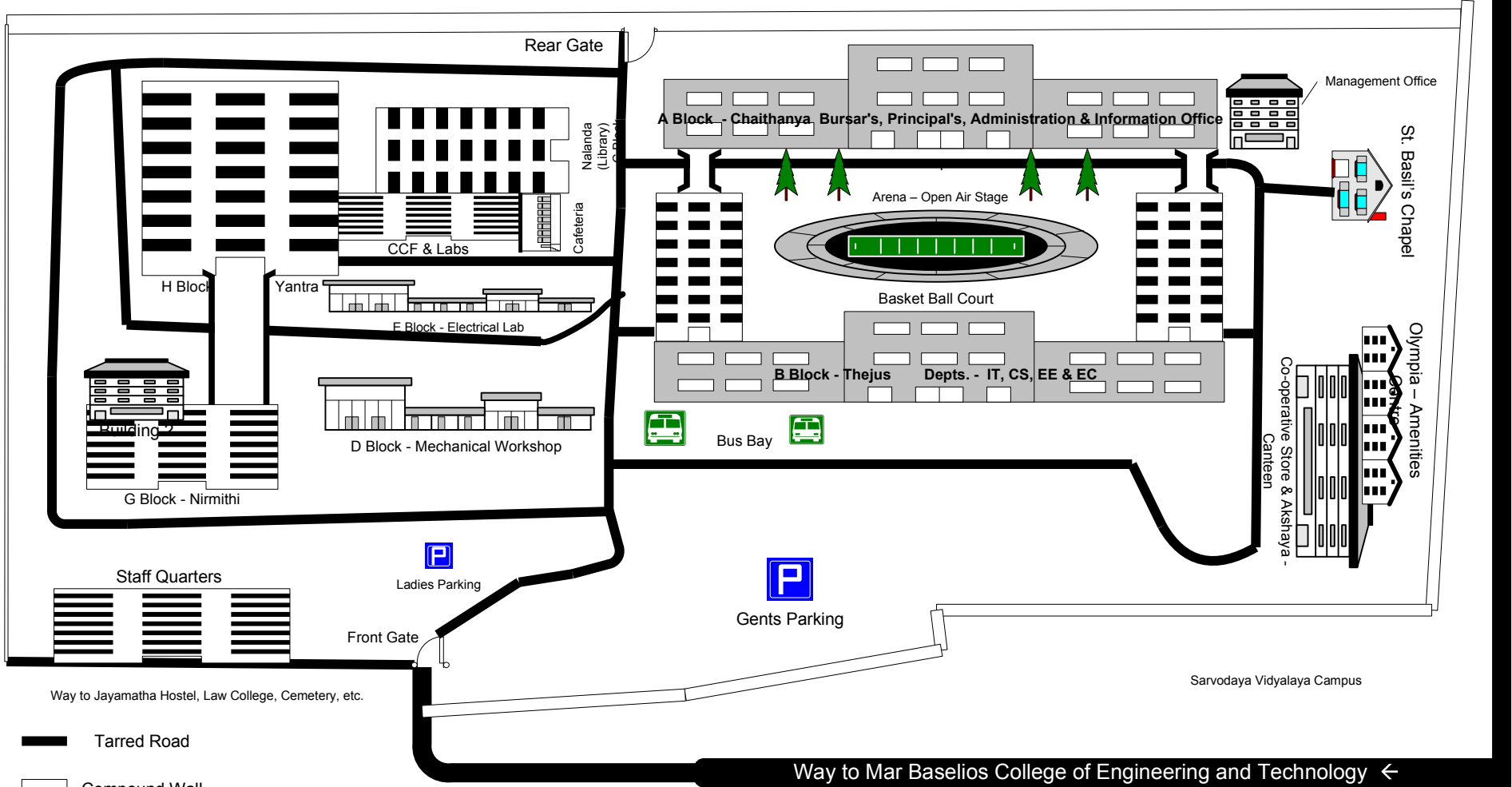
Sub Code	Name	Faculty Name

Title	Name	Office Hour*	Office
1. Advisor(Coordinator)		Day: Hr.	
2. Advisor		Day: Hr.	

Mar Aprem Hostel for men

← Seminary

Way to Mar Baselios College of Engg. & Tech. ←



Way to Jayamatha Hostel, Law College, Cemetery, etc.

— Tarred Road

— Compound Wall

Mar Ivanios Vidyanagar

Kesavadasapuram ←-M. C. Road ----→ Mannanthala



Mar Baselios College of Engineering & Technology

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