

R.8.5.1-11b



MOHANDAS COLLEGE OF ENGINEERING & TECHNOLOGY

ANAD, NEDUMANGAD
THIRUVANANTHAPURAM -41
Tel: 0472-2813039

Web: www.mcetonline.com
E-mail: mail@mcetonline.com

ACADEMIC CALENDAR

For B.Tech, 3rd, 5th & 7th Semesters,

MCA 3rd & 5th Semesters,

M.Tech S1 & MBA S1

2020

Name :

Roll No:

Branch:

Year :

MCET.....*Mind Set For Learning*

**MOHANDAS COLLEGE OF
ENGINEERING & TECHNOLOGY**
ANAD, NEDUMANGAD
THIRUVANANTHAPURAM-41

ACADEMIC CALENDAR EVEN SEMESTER 2020

***For B.Tech 3rd , 5th & 7th Semesters, MCA 3rd & 5th Semesters , M.Tech 1st and MBA
1st Semesters***

Time Table

Regular class work has been scheduled, Monday to Friday from 8.30 AM to 3.30 PM. Regular class work will be based on the academic calendar 2020-21.

Holidays

All Kerala Government holidays approved by the Management are holidays for the college. Other holidays if any will be announced by the Management from time to time. However any working day lost on account of any Bandh, Hartal or the like will be compensated by an additional working day on a Saturday/holiday.

Rules of general discipline

Students are to strictly follow the following:

- Class timings: 8.30 AM to 3.30 PM with a lunch break from 12.05 PM to 12.55 PM for Higher Semesters of CSE, ECE, EEE , ME, MCA, MBA & BHMCT and the lunch break from 11.15 AM to 12:05 PM for S1/S2, Higher semester of CE , BT&BCE students.
- The students should be inside the classroom before 8.30 AM.
- Students will not be permitted to leave the campus between 8.30 AM and 3.30 PM without the prior permission/sanction of the Director / Principal. If the students leave the campus without proper permission, the matter will be informed to the parents. If it is repeated a fine of Rs 1000 /- will be collected on intimation to the parents.
- Unauthorised absence from the classes will be taken seriously and disciplinary action will be taken. Sanction should be obtained from the HOD in advance for any absence. If the absence is more than 3 day's medical certificate should be produced. All medical leaves have to be sanctioned by the Director / Principal. Leave letter to be submitted on the day they come back to the college. No late leave will be considered.
- Students, who have no class, are not allowed to loiter around in the campus during class hours disturbing other classes. Abstaining from class "en-masse" is considered as a serious offence for which disciplinary actions will be taken.

- Silence should be maintained in library and computer labs. Library books should be handled with care. Rules pertaining to the issue of library books should be adhered to.
- As per the High Court Order mobile phones are banned inside the college campus. Strict disciplinary action, including confiscation of the mobile phone and a fine of Rs.1000/- will be imposed on students who violate the above rule.
- Ragging in any form is strictly prohibited in the college according to the directions of the AICTE and Government of India. Penal measures to those found guilty of ragging will extend up to immediate expulsion from the college.
- Students are expected to maintain a very high order of discipline. No effort shall be spared to conduct themselves at all times, at all places, and on all occasion in a manner worthy of students of a course which is to lead them to high responsibility in the future.
- Students are expected to adhere to the dress code prescribed by the institution while in campus. Boys should wear trousers with formal belts (only black / brown colours permitted) and insert shirts with half sleeves and their feet should be protected with socks and shoes. **Jeans and T-shirts are not permitted.** Girls should wear salwar kameez and dhuppatta. Girls should take care to tuck their hair. **The ID card should be displayed whenever they are inside the campus.** Strict disciplinary actions will be taken on the spot against those who violate the dress code. Any change from the dress code is permitted with the consent of the Director / Principal on special occasions.
- Every student shall provide himself/herself with the entire prescribed textbooks, drawing instruments and accessories and other such articles required for the classroom work.
- The college properties should be handled with maximum care and everything possible should be done to preserve the cleanliness, and tidiness of the building, furniture, library, buses and premises. Fine will be imposed for damages to equipment, furniture, building etc.
- The students are to attend all the activities organized by the college otherwise fine will be imposed.
- A number of additional programs in the form of Add-on courses, remedial classes, extramural lecture, study tour, industrial visit, finishing school, soft skill training etc are arranged for the development of the students. It is mandatory to all the eligible students to attend all these programs
- From the academic year 2020-21 the institution will be following 5 days week (Monday to Friday) timetable.

The following additional facilities are available for the students:

- 24 hours ambulance facility
- Infirmary with the service of a doctor at BT&BCE Department.
- Sick rooms are available in the EEE Department (Ladies – 1st floor & Gents – 2nd floor)
- 24 hours Internet facility both for day scholars and hostlers.

Director's / Principal's decision regarding the discipline will be final.

	Aug-20		
Day	Date	Details	Week Assignments
Saturday	1		
Sunday	2		
Monday	3		
Tuesday	4		
Wednesday	5		
Thursday	6		
Friday	7		
Saturday	8		
Sunday	9		
Monday	10		
Tuesday	11		
Wednesday	12		
Thursday	13		
Friday	14		
Saturday	15	Independence Day	
Sunday	16		
Monday	17	Commencement of classes and registration (S3, S5, S7 B.Tech, MCA)	
Tuesday	18		
Wednesday	19		
Thursday	20		
Friday	21	Course Selection registration and mapping begins	
Saturday	22		1 st Assignment /Quiz/ Viva
Sunday	23	Viswakarma Jayanthi	
Monday	24		
Tuesday	25		
Wednesday	26		
Thursday	27	I module completed	
Friday	28	Ayyankali Jayanthi Onam holidays begins	
Saturday	29	Muharam	
Sunday	30	First Onam	
Monday	31	Thiruvonam	
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			

	Sep-20		
Day	Date	Details	Week Assignments
Tuesday	1	Third Onam	
Wednesday	2	Fourth Onam & Sreenarayana Guru Jayanthi	
Thursday	3		
Friday	4		
Saturday	5		
Sunday	6		
Monday	7	Reopens after onam holidays	
Tuesday	8		
Wednesday	9	Course selection registration and mapping ends	
Thursday	10	Srikrishna Jayanthi	
Friday	11		
Saturday	12		II nd Assignment /Quiz/ Viva
Sunday	13		
Monday	14		
Tuesday	15		
Wednesday	16		
Thursday	17		
Friday	18		
Saturday	19		Publish marks of II nd Assignment /Quiz/ Viva
Sunday	20		
Monday	21	Sreenarayana Guru Samathi	
Tuesday	22		
Wednesday	23		
Thursday	24		
Friday	25		
Saturday	26		
Sunday	27		
Monday	28		
Tuesday	29		
Wednesday	30	Exam registration begins. Publish attendance from 17 th Aug to 30 th Sept	
Thursday			
Friday			
Saturday			

	Oct-20		
Day	Date	Details	Week Assignments
Saturday			
Sunday			
Monday			
Tuesday			
Wednesday			
Thursday	1	I st Series test	
Friday	2	Gandhi Jayanthi	
Saturday	3		
Sunday	4		
Monday	5	I st Series test	
Tuesday	6	I st Series test	
Wednesday	7	I st Series test	
Thursday	8	I st Series test	
Friday	9		
Saturday	10		
Sunday	11		
Monday	12	Exam registration begins	
Tuesday	13		
Wednesday	14		
Thursday	15		
Friday	16		
Saturday	17		
Sunday	18		
Monday	19		
Tuesday	20		
Wednesday	21		
Thursday	22		
Friday	23	Exam registration ends	
Saturday	24	Mahanavami	
Sunday	25		
Monday	26	Vijayadhashami	
Tuesday	27		
Wednesday	28		
Thursday	29	Nabi Dhinam	
Friday	30		
Saturday	31		

	Nov-20		
Day	Date	Details	Week Assignments
Saturday			III rd Assignment /Quiz/ Viva
Sunday	1	Kerala Piravi	
Monday	2	Publish attendance from 1 st Oct to 30 th Oct	
Tuesday	3		
Wednesday	4		
Thursday	5		
Friday	6		
Saturday	7		
Sunday	8		
Monday	9	AICTE Induction training to S1 B.Tech students start	
Tuesday	10		
Wednesday	11		
Thursday	12		
Friday	13		
Saturday	14	Deepavali	
Sunday	15		
Monday	16	S1 MCA, S1 M.Tech & S1 MBA classes start	
Tuesday	17		
Wednesday	18		
Thursday	19		
Friday	20	Induction training to S1 students end	
Saturday	21		IV th Assignment /Quiz/ Viva
Sunday	22		
Monday	23		
Tuesday	24		
Wednesday	25		
Thursday	26		
Friday	27		
Saturday	28		Publish marks of IV th Assignment /Quiz/ Viva
Sunday	29		
Monday	30	Commencement of S1 B.Tech classes II nd Series test	
Tuesday			
Wednesday			
Thursday			
Friday			
Saturday			

	Dec-20		
Day	Date	Details	Week Assignments
Saturday			
Sunday			
Monday			
Tuesday	1	II nd Series test	
Wednesday	2	II nd Series test	
Thursday	3	II nd Series test	
Friday	4	II nd Series test	
Saturday	5	II nd Series test	
Sunday	6		
Monday	7		
Tuesday	8		
Wednesday	9		
Thursday	10	Class ends (S3, S5, S7 B.Tech & S3, S5 MCA)	
Friday	11	Publish IA Marks and attendance	
Saturday	12		
Sunday	13		
Monday	14	Start date to forward the IA marks and attendance to Uty	
Tuesday	15		
Wednesday	16		
Thursday	17	Last date to forward the IA marks and attendance to Uty	
Friday	18		
Saturday	19	Christmas Vacation begins	
Sunday	20		
Monday	21		
Tuesday	22		
Wednesday	23		
Thursday	24		
Friday	25	Christmas	
Saturday	26		
Sunday	27	Christmas Vacation ends	
Monday	28		
Tuesday	29	Odd Sem Exam begins	
Wednesday	30		
Thursday	31		
Friday			
Saturday			

SCHEMES

B.TECH CIVIL ENGINEERING

SEMESTER III

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	MAT201	PARTIAL DIFFERENTIAL EQUATION AND COMPLEX ANALYSIS	3-1-0	4	4
B	CET201	MECHANICS OF SOLIDS	3-1-0	4	4
C	CET203	FLUID MECHANICS& HYDRAULICS	3-1-0	4	4
D	CET205	SURVEYING & GEOMATICS	4-0-0	4	4
E 1/2	EST200	DESIGN & ENGINEERING	2-0-0	2	2
	HUT200	PROFESSIONAL ETHICS	2-0-0	2	2
F	MCN201	SUSTAINABLE ENGINEERING	2-0-0	2	--
S	CEL201	CIVIL ENGINEERING PLANNING & DRAFTING LAB	0-0-3	3	2
T	CEL203	SURVEY LAB	0-0-3	3	2
R/M	VAC	Remedial/Minor course	3-1-0	4 *	4
TOTAL				26/30	22/26

SEMESTER V

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	CET301	STRUCTURAL ANALYSIS – I	3-1-0	4	4
B	CET303	DESIGN OF CONCRETE STRUCTURES	3-1-0	4	4
C	CET305	GEOTECHNICAL ENGINEERING – II	4-0-0	4	4
D	CET307	HYDROLOGY & WATER RESOURCES ENGINEERING	4-0-0	4	4
E	CET309	CONSTRUCTION TECHNOLOGY & MANAGEMENT	3-0-0	3	3
F	MCN301	DISASTER MANAGEMENT	2-0-0	2	--
S	CEL331	MATERIAL TESTING LAB – II	0-0-3	3	2
T	CEL333	GEOTECHNICAL ENGINEERING LAB	0-0-3	3	2
R/M/H	VAC	Remedial/Minor/Honours course	3-1-0	4*	4
TOTAL				27/31	23/27

SEMESTER VII

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	CET401	DESIGN OF STEEL STRUCTURES	3-0-0	3	3
B	CETXXX	PROGRAM ELECTIVE II	3-0-0	3	3
C	CETXXX	OPEN ELECTIVE	3-0-0	3	3
D	MCN401	INDUSTRIAL SAFETY ENGINEERING	2-1-0	3	---
S	CEL411	ENVIRONMENTAL ENGG LAB	0-0-3	3	2
T	CEQ413	SEMINAR	0-0-3	3	2
U	CED415	PROJECT PHASE I	0-0-6	6	2
R/M/H	VAC	Remedial/Minor/Honours course	3-1-0	4*	4
TOTAL				24/28	15/19

PROGRAM ELECTIVE II

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
B	CET413	PRESTRESSED CONCRETE	3-0-0	3	3
	CET423	GROUND IMPROVEMENT TECHNIQUES	3-0-0		
	CET433	HIGHWAY MATERIALS AND DESIGN	3-0-0		
	CET443	APPLIED HYDROLOGY	3-0-0		
	CET453	CONSTRUCTION PLANNING & MANAGEMENT	3-0-0		
	CET463	ADVANCED ENVIRONMENTAL ENGINEERING	3-0-0		
	CET473	OPTIMISATION TECHNIQUES IN CIVIL ENGINEERING	3-0-0		

OPEN ELECTIVE

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
C	CET415	ENVIRONMENTAL IMPACT ASSESSMENT	2-1-0	3	3
	CET425	APPLIED EARTH SYSTEMS	2-1-0		
	CET435	INFORMATICS FOR INFRASTRUCTURE MANAGEMENT	2-1-0		
	CET445	NATURAL DISASTERS AND MITIGATION	2-1-0		
	CET455	ENVIRONMENTAL HEALTH AND SAFETY	2-1-0		
	CET465	GEOINFORMATICS	2-1-0		

COMPUTER SCIENCE AND ENGINEERING

SEMESTER III

SLOT	COURSENO.	COURSES	L-T-P	HOURS	CREDIT
A	MAT 203	DISCRETE MATHEMATICAL STRUCTURES	3-1-0	4	4
B	CST 201	DATA STRUCTURES	3-1-0	4	4
C	CST 203	LOGIC SYSTEM DESIGN	3-1-0	4	4
D	CST 205	OBJECT ORIENTED PROGRAMMING USING JAVA	3-1-0	4	4
E (1/2)	EST 200	DESIGN & ENGINEERING	2-0-0	2	2
	HUT 200	PROFESSIONAL ETHICS	2-0-0	2	2
F	MCN 201	SUSTAINABLE ENGINEERING	2-0-0	2	--
S	CSL 201	DATA STRUCTURES LAB	0-0-3	3	2
T	CSL 203	OBJECT ORIENTED PROGRAMMING LAB (IN JAVA)	0-0-3	3	2
R/M	VAC	Remedial/Minor course	3-1-0	4	4
TOTAL				26*	22/26

SEMESTER V

SLOT	COURSENO.	COURSES	L-T-P	HOURS	CREDIT
A	CST 301	FORMAL LANGUAGES AND AUTOMATA THEORY	3-1-0	4	4
B	CST 303	COMPUTER NETWORKS	3-1-0	4	4
C	CST 305	SYSTEM SOFTWARE	3-1-0	4	4
D	CST 307	MICROPROCESSORS AND MICROCONTROLLERS	3-1-0	4	4
E	CST 309	MANAGEMENT OF SOFTWARE SYSTEMS	3-0-0	3	3
F	MCN 301	DISASTER MANAGEMENT	2-0-0	2	--
S	CSL 331	SYSTEM SOFTWARE AND MICROPROCESSORS LAB	0-0-4	4	2
T	CSL 333	DATABASE MANAGEMENT SYSTEMS LAB	0-0-4	4	2
R/M/H	VAC	Remedial/Minor/Honors course*	2-0-0	4	4
TOTAL				29*	23/27

SEMESTER VII

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	CST 401	ARTIFICIAL INTELLIGENCE	2-1-0	3	3
B	CST ---	PROGRAM ELECTIVE II	2-1-0	3	3
C	CST ---	OPEN ELECTIVE	2-1-0	3	3
D	MCN 401	INDUSTRIAL SAFETY ENGINEERING	2-1-0	3	---
S	CSL 411	COMPILER LAB	0-0-3	3	2
T	CSQ 413	SEMINAR	0-0-3	3	2
U	CSD 415	PROJECT PHASE I	0-0-6	6	2
R/M/H	VAC	Remedial/Minor/Honors course*	3-1-0	4	4
TOTAL				24*	15/19

PROGRAM ELECTIVE II

SLOT	COURSENO.	COURSES	L-T-P	HOURS	CREDIT
B	CST 413	i MACHINE LEARNING	2-1-0	3	3
	CST 423	ii CLOUD COMPUTING	2-1-0		
	CST 433	iii SECURITY IN COMPUTING	2-1-0		
	CST 443	iv MODEL BASED SOFTWARE DEVELOPMENT	2-1-0		
	CST 463	vi WEB PROGRAMMING	2-1-0		
	CST 473	vii NATURAL LANGUAGE PROCESSING	2-1-0		

OPEN ELECTIVE

SLOT	COURSENO.	COURSES	L-T-P	HOURS	CREDIT
	CST 415	i INTRODUCTION TO MOBILE COMPUTING	2-1-0		
	CST 425	ii INTRODUCTION TO DEEP LEARNING	2-1-0		

B	CST 435	iii COMPUTER GRAPHICS	2-1-0	3	3
	CST 445	iv PYTHON FOREENGINEERS	2-1-0		
	CST 455	v OBJECT ORIENTEDCONCEPTS	2-1-0		

ELECTRONICS & COMMUNICATION ENGINEERING

SEMESTER III

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	MAT201	PARTIAL DIFFERENTIAL EQUATION AND COMPLEX ANALYSIS	3-1-0	4	4
B	ECT 201	SOLID STATE DEVICES	3-1-0	4	4
C	ECT 203	LOGIC CIRCUIT DESIGN	3-1-0	4	4
D	ECT 205	NETWORK THEORY	3-1-0	4	4
E 1/2	EST200	DESIGN AND ENGINEERING	2-0-0	2	2
	HUT200	PROFESSIONAL ETHICS	2-0-0	2	2
F	MCN201	SUSTAINABLE ENGINEERING	2-0-0	2	--
S	ECL 201	SCIENTIFIC COMPUTING LAB	0-0-3	3	2
T	ECL 203	LOGIC DESIGN LAB	0-0-3	3	2
R/M	VAC	Remedial/Minor course	3-1-0	4**	4
TOTAL				26/30	22/26

SEMESTER V

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	ECT 301	LINEAR INTEGRATED CIRCUITS	3-1-0	4	4
B	ECT 303	DIGITAL SIGNAL PROCESSING	3-1-0	4	4
C	ECT 305	ANALOG AND DIGITALCOMMUNICATION	3-1-0	4	4
D	ECT 307	CONTROL SYSTEMS	3-1-0	4	4
E 1/2	HUT300	INDUSTRIAL ECONOMICS AND FOREIGN TRADE	3-0-0	3	3
	HUT310	MANAGEMENT FOR ENGINEERS	3-0-0	3	3
F	MCN301	DISASTER MANAGEMENT	2-0-0	2	--
S	ECL 331	ANALOG INTEGRATED CIRCUITSAND SIMULATION LAB	0-0-3	3	2
T	ECL 333	DIGITAL SIGNAL PROCESSING LAB	0-0-3	3	2
R/M/H	VAC	Remedial/Minor/Honours course	3-1-0	4**	4
TOTAL				27/31	23/27

SEMESTER VII

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	ECT 401	MICROWAVES AND ANTENNAS	2-1-0	3	3
B	ECTXXX	PROGRAM ELECTIVE II	2-1-0	3	3
C	ECTXXX	OPEN ELECTIVE	2-1-0	3	3
D	MCN401	INDUSTRIAL SAFETY ENGINEERING	2-1-0	3	---
S	ECL 411	ELECTROMAGNETICS LAB	0-0-3	3	2
T	ECQ 413	SEMINAR	0-0-3	3	2
U	ECD 415	PROJECT PHASE I	0-0-6	6	2
R/M/H	VAC	Remedial/Minor/Honors course	3-1-0	4*	4
TOTAL				24/28	15/19

PROGRAM ELECTIVE II

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
B	ECT 413	Optical Fiber Communication	2-1-0	3	3
	ECT 423	Computer Networks	2-1-0		
	ECT 433	Opto-electronic Devices	2-1-0		
	ECT 443	Instrumentation	2-1-0		
	ECT 453	Error Control Codes	2-1-0		
	ECT 463	Machine Learning	2-1-0		
	ECT 473	DSP Architectures	2-1-0		

OPEN ELECTIVE (OE)

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
C	ECT 415	Mechatronics	2-1-0	3	3
	ECT 425	Biomedical Instrumentation	2-1-0		
	ECT 435	Electronic Hardware for Engineers	2-1-0		
	ECT 445	IoT and Applications	2-1-0		
	ECT 455	Entertainment Electronics	2-1-0		

B.TECH IN ELECTRICAL & ELECTRONICS ENGINEERING

SEMESTER III

SLOT	COURSE NO	COURSES	L-T-P	HOURS	CREDIT
A	MAT201	PARTIAL DIFFERENTIAL EQUATION AND COMPLEX ANALYSIS	3-1-0	4	4
B	EET201	CIRCUITS AND NETWORKS	2-2-0	4	4
C	EET203	MEASUREMENTS AND INSTRUMENTATION	3-1-0	4	4
D	EET205	ANALOG ELECTRONICS	3-1-0	4	4
E	EST200	DESIGN & ENGINEERING	2-0-0	2	2
1/2	HUT200	PROFESSIONAL ETHICS	2-0-0	2	2
F	MCN201	SUSTAINABLE ENGINEERING	2-0-0	2	--
S	EEL201	CIRCUITS AND MEASUREMENTS LAB	0-0-3	3	2
T	EEL203	ANALOG ELECTRONICS LAB	0-0-3	3	2
R/M	VAC	REMEDIAL/MINOR COURSE	3-1-0	4 *	4
TOTAL				26/30	22/26

SEMESTER VII

SLOT	COURSE NO	COURSES	L-T-P	HOURS	CREDIT
A	EET301	POWER SYSTEMS I	3-1-0	4	4
B	EET303	MICROPROCESSORS AND MICROCONTROLLERS	3-1-0	4	4
C	EET305	SIGNALS AND SYSTEMS	3-1-0	4	4
D	EET307	SYNCHRONOUS AND INDUCTION MACHINES	3-1-0	4	4
E 1/2	HUT300	INDUSTRIAL ECONOMICS & FOREIGN TRADE	3-0-0	3	3
	HUT310	MANAGEMENT FOR ENGINEERS	3-0-0	3	3
F	MCN301	DISASTER MANAGEMENT	2-0-0	2	--
S	EEL331	MICROPROCESSORS AND MICROCONTROLLERS LAB	0-0-3	3	2
T	EEL333	ELECTRICAL MACHINES LAB II	0-0-3	3	2
R/M/H	VAC	REMEDIAL/MINOR/HONOURS COURSE	3-1-0	4*	4
TOTAL				27/31	23/27

SEMESTER VII

SLOT	COURSE NO	COURSES	L-T-P	HOURS	CREDIT
A	EET401	ADVANCED CONTROL SYSTEMS	2-1-0	3	3
B	EETXXX	PROGRAM ELECTIVE II	2-1-0	3	3
C	EETXXX	OPEN ELECTIVE	2-1-0	3	3
D	MCN401	INDUSTRIAL SAFETY ENGINEERING	2-1-0	3	---
S	EEL411	CONTROL SYSTEMS LAB	0-0-3	3	2
T	EEQ413	SEMINAR	0-0-3	3	2
U	EED415	PROJECT PHASE I	0-0-6	6	2
R/M/H	VAC	REMEDIAL/MINOR/HONOURS COURSE	3-1-0	4*	4
TOTAL				24/28	15/19

PROGRAM ELECTIVE II

SLOT	COURSE NO	COURSES	L-T-P	HOURS	CREDIT
B	EET413	ELECTRIC DRIVES	2-1-0	3	3
	EET423	DIGITAL CONTROL SYSTEMS	2-1-0		
	EET433	MODERN OPERATING SYSTEMS	2-1-0		
	EET443	DATA STRUCTURES	2-1-0		
	EET453	DIGITAL SIGNAL PROCESSING	2-1-0		
	EET463	ILLUMINATION TECHNOLOGY	2-1-0		
	EET473	DIGITAL PROTECTION OF POWER SYSTEMS	2-1-0		

OPEN ELECTIVES

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
C	EET415	CONTROL SYSTEMS ENGINEERING	2-1-0	3	3
	EET425	INTRODUCTION TO POWER PROCESSING	2-1-0		
	EET435	RENEWABLE ENERGY SYSTEMS	2-1-0		
	EET445	ELECTRIC VEHICLES	2-1-0		
	EET455	ENERGY MANAGEMENT	2-1-0		

B. TECH MECHANICAL ENGINEERING

SEMESTER III

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	MAT201	PARTIAL DIFFERENTIAL EQUATION AND COMPLEX ANALYSIS	3-1-0	4	4
B	MET201	MECHANICS OF SOLIDS	3-1-0	4	4
C	MET203	MECHANICS OF FLUIDS	3-1-0	4	4
D	MET205	METALLURGY & MATERIAL SCIENCE	3-1-0	4	4
E 1/2	EST200	DESIGN AND ENGINEERING	2-0-0	2	2
	HUT200	PROFESSIONAL ETHICS	2-0-0	2	2
F	MCN201	SUSTAINABLE ENGINEERING	2-0-0	2	--
S	MEL201	COMPUTER AIDED MACHINE DRAWING	0-0-3	3	2
T	MEL203	MATERIALS TESTING LAB	0-0-3	3	2
R/M	VAC	REMEDIAL/MINOR COURSE	3-1-0	4**	4
TOTAL				26/30	22/26

SEMESTER V

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	MET301	MECHANICS OF MACHINERY	3-1-0	4	4
B	MET303	THERMAL ENGINEERING	3-1-0	4	4
C	MET305	INDUSTRIAL & SYSTEMS ENGINEERING	3-1-0	4	4
D	MET307	MACHINE TOOLS AND METROLOGY	3-1-0	4	4
E 1/2	HUT300	INDUSTRIAL ECONOMICS AND FOREIGN TRADE	3-0-0	3	3
	HUT310	MANAGEMENT FOR ENGINEERS	3-0-0	3	3
F	MCN301	DISASTER MANAGEMENT	2-0-0	2	--
S	MEL331	MACHINE TOOLS LAB-II	0-0-3	3	2
T	MEL333	THERMAL ENGINEERING LAB-I	0-0-3	3	2
R/M/H	VAC	REMEDIAL/MINOR/HONORS COURSE	3-1-0	4*	4
TOTAL				27/31	23/27

SEMESTER VIII

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
A	MET402	MECHATRONICS	2-1-0	3	3
B	METXXX	PROGRAM ELECTIVE III	2-1-0	3	3
C	METXXX	PROGRAM ELECTIVE IV	2-1-0	3	3
D	METXXX	PROGRAM ELECTIVE V	2-1-0	3	3
E	MET404	COMPREHENSIVE VIVA VOCE	1-0-0	1	1
U	MED416	PROJECT PHASE II	0-0-12	12	4
R/M/H	VAC	REMEDIAL/MINOR/HONORS COURSE	3-1-0	4*	4
TOTAL				25/28	17/21

PROGRAM ELECTIVE III

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
B	MET414	QUALITY MANAGEMENT	2-1-0	3	3
	MET424	INDUSTRIAL HYDRAULICS	2-1-0		
	MET434	PRESSURE VESSEL AND PIPING DESIGN	2-1-0		
	MET444	DATA ANALYTICS FOR ENGINEERS	2-1-0		
	MET454	INDUSTRIAL TRIBOLOGY	2-1-0		
	MET464	MICRO AND NANO MANUFACTURING	2-1-0		
	MET474	HEATING AND VENTILATION SYSTEMS	2-1-0		

PROGRAM ELECTIVE IV

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
C	MET 416	COMPOSITE MATERIALS	2-1-0	3	3
	MET 426	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	2-1-0		
	MET 436	ACOUSTICS AND NOISE CONTROL	2-1-0		
	MET 446	HEAT TRANSFER EQUIPMENT DESIGN	2-1-0		
	MET 456	ROBOTICS AND AUTOMATION	2-1-0		
	MET 466	TECHNOLOGY MANAGEMENT	2-1-0		
	MET 476	CRYOGENIC ENGINEERING	2-1-0		

PROGRAM ELECTIVE V

SLOT	COURSE NO.	COURSES	L-T-P	HOURS	CREDIT
D	MET 418	RELIABILITY ENGINEERING	2-1-0	3	3
	MET 428	PROJECT PLANNING AND MANAGEMENT	2-1-0		
	MET438	FRACTURE MECHANICS	2-1-0		
	MET 448	GAS TURBINES AND JET PROPULSION	2-1-0		
	MET 458	ADVANCED ENERGY ENGINEERING	2-1-0		
	MET 468	ADDITIVE MANUFACTURING	2-1-0		
	MET 478	POWER PLANT ENGINEERING	2-1-0		

MBA

SEMESTER I

Exam Slot	Cours eNo.	Course Name	L-T-P	Intern al Marks	End Semester Marks	Exam Duratio n (hours)	Credi ts
A	20MBA101	Introduction to Business	3-0-0	40	60	3	3
B	20MBA103	Quantitative Techniques for Managers	4-0-0	40	60	3	4
C	20MBA105	Organizational Behaviour	3-0-0	40	60	3	3
D	20MBA107	Business Economics	4-0-0	40	60	3	4
E	20MBA109	Information Systems for Managers	3-0-0	40	60	3	3
F	20MBA111	Accounting for Managers	4-0-0	40	60	3	4
G	20MBA113	Ethics, Governance and Corporate Responsibility	3-0-0	40	60	3	3
H	20MBA115	Legal Systems for Business	3-0-0	40	60	3	3
	20MBANC 1	Employability Enhancement Programme	0-0-2				
		TOTAL	27-0-2	360	480		27

MCA

SEMESTER 3

	Master of Computer Applications (Regular)	Hours / week			IA marks	ESE Marks	Total	Credits	Exam slot
Course No	Course	L	T	P					
RLMCA201	Computer Networks	3	1	-	40	60	100	4	A
RLMCA203	Software Engineering	3	1	-	40	60	100	4	B
RLMCA205	Database Management Systems	3	1	-	40	60	100	4	C
RLMCA207	Design and Analysis of Algorithms	3	1	-	40	60	100	4	D
RLMCA209	Web Programming	3	1	-	40	60	100	4	E
RLMCA231	Database Lab	-		4	100		100	1	S
RLMCA233	Web Programming Lab	-		4	100		100	1	T
	TOTAL	15	5	8	400	300	700	22	

SEMESTER 5

	Master of Computer Applications (Regular)	Hours / week			IA marks	ESE Marks	Total	Credits	Exam slot
Course No	Course	L	T	P					
RLMCA301	Web Data Mining	3	1	-	40	60	100	4	A
RLMCA303	E-Commerce	3	-	-	40	60	100	3	B
RLMCA305	Cryptography and Cyber Security	3	1	-	40	60	100	4	C
RLMCA3- -	Elective II	3	1	-	40	60	100	4	D
RLMCA3- -	Elective III	3	1	-	40	60	100	4	E
RLMCA341	Seminar	-		2	50	-	50	2	S
RLMCA351	Mini Project	-		8	150	-	150	2	T
	TOTAL	15	4	10	400	300	700	23	

ELECTIVE-II		ELECTIVE-III	
RLMCA361	Compiler Construction	RLMCA381	Cloud Computing
RLMCA363	IPR and Cyber Law	RLMCA383	Human Computer Interaction
RLMCA365	Cyber Forensics	RLMCA385	Bioinformatics
RLMCA367	Internet of Things	RLMCA387	Computer Graphics
RLMCA369	Python Programming	RLMCA389	Parallel and Distributed Computing
RLMCA371	Social Network Analysis	RLMCA391	Artificial Intelligence

List of Faculty Members

Sl.No	Name	Designation	Phone	E-mail IDs
1	Dr. Ashalatha Thampuran	Director	0472-2814571	director@mcetonline.com
2	Dr. S Sheela	Principal	9447000508	principal@mcetonline.com
Department of Electronics and Communication Engineering				
1	Dr. Shabu S	HOD & Professor	9447765575	hodece@mcetonline.com
2	Ms. Renjitha.G.Nair	Asst. Professor	9895374901	renjitha@gmail.com
3	Ms. Sandhya S	Asst. Professor	9895320261	sandhyasmcet@gmail.com
4	Ms. Nisha. P.V	Asst. Professor	9495074430	nishaparamesh84@gmail. com
5	Ms. Asha T S	Asst. Professor	9447578540	ashakts@gmail.com
6	Ms. Reshmi.C.S	Asst. Professor	7012741568	csreshmi@gmail.com
7	Ms. Divya H	Asst. Professor	8089695250	divyah85@gmail.com
8	Ms. Amritha Mary A.S	Asst. Professor	9496371050	amrithamaryas@gmail. com
9	Ms. Deepa D	Asst. Professor	9645185385	deepakrishnannidhi@ gmail.com
10	Ms. Jayapradha T U	Asst. Professor	9746113911	jayapradhatu@gmail.com
11	Ms. Resmi.S.R	Asst. Professor	9947391450	resmigokul2012@gmail. com
12	Ms. Devika R G	Asst. Professor	9447932213	rgdevika@gmail.com
13	Mr. Achu Govind K.R	Asst. Professor	9446324930	achugovindkr@gmail.com
Department of Biotechnology and Biochemical Engineering				
1	Dr. Shalini A. Nair	Associate Professor	9495642976	hodbdt@mcetonline.com
2	Ms. Shiji Jameson	Asst.Professor	9446111892	shijijameson@gmail.com
3	Ms. Sumarani.G.O	Asst.Professor	9446613457	sumaranigopiomana@gmail.com
4	Ms. Punnia Prasad	Asst. Professor	9746334903	punniakesav@gmail.com
5	Ms. Indu S	Asst. Professor	7356955181	indu.s.rakendu@gmail.com
6	Ms. Nanditha Suresh	Asst. Professor	9074357908	nanditha6617@gmail.com
7	Ms. Sony K Cherian	Asst. Professor(Guest)	9747181175	sonykc999@gmail.com
Department of Electrical & Electronics Engineering				
1	Dr. Deepa Nair	HOD &Professor	9497470324	hodeeee@mcetonline.com
2	Ms. Tintu V R	Asst. Professor	9048730105	tintu_v_r@yahoo.co.in
3	Ms. Lekshmi M Nair	Asst. Professor	9747001322	lakshmiimnair@yahoo .com
4	Ms. Revathy M. B.	Asst. Professor	9633230185	revumb@yahoo.com
5	Ms. Asha Rani.G.S	Asst. Professor	9496815948	asha88gs@gmail.com
7	Mr. Rahul R S	Asst. Professor	9447797668	rahulrs2007@gmail.com
8	Ms. Prameeda Mohan	Asst. Professor	9446239266	pramedamohan@gmail .com
9	Mr. Prabhsimransingh	Asst. Professor	9995135608	prabhu_1487@yahoo.co.in
10	Ms. Neethu U	Asst. Professor	8129977889	neets7r@gmail.com
11	Ms. Lekshmi Nair K B	Asst. Professor	8301818741	lekshmi@gmail.com

Department of Mechanical Engineering

1	Dr. Sivasubramonian B	HOD & Professor, Academic Dean	9496090085	hodmech@mcetonline.com
2	Mr. Arun.M	Asst. Professor	9497471413	arunmichael3@gmail.com
3	Dr. N.Rajesh Prabha	Associate Professor	9400183689	nrprbha@rediffmail.com
4	Mr. Adarsh G.R	Asst. Professor	9446120023	adarsh_gr.003@gmail.com
5	Ms. Vineetha.M	Asst. Professor	9349981960	vineetha013@gmail.com
6	Ms. Sajitha.P.S	Asst. Professor	9496819132	sajitha.parasseriyl@gmail.com
7	Mr. Pradeep Raj	Asst. Professor	7558009711	krsreeraj1@gmail.com
8	Mr. Arun Sasi S.J	Asst. Professor	9400801173	arunsasi.s.j008@gmail.com
9	Mr. Harikrishnan Nair S	Asst. Professor	9037180610	harikrishnan8899@yahoo.co.in
10	Mr. Shyam Sundar	Asst. Professor	9400944452	shyamsundar159@gmail.com
11	Mr. Cletus K S	Workshop Suptd.	9495592828	cletusks@gmail.com
12	Mr. Nidhish B N	Asst. Professor	9495563991	nidhishbntvm@gmail.com
13	Mr. Kiran V Sagar	Asst. Professor	9446243871	kiranvsagar@gmail.com
14	Mr. Vishnu V M	Asst. Professor	9037967503	vishnuvmtvm@gmail.com
15	Mr. Vinu R G	Asst. Professor	9447331070	vinurg_vinu@gmail.com

Department of Computer Science Engineering

1	Dr. Predeep Kumar S P	HOD & Professor	9442761492	hodcs@mcetonline.com
2	Ms. Nishadha S. G.	Asst. Professor	9895458835	nishadhasgn@gmail.com
3	Ms. Shalini L.	Asst.Professor	8111803723	shaliniullas11@gmail.com
4	Ms. Remya R. S.	Asst. Professor	9895492135	remya_seethal@yahoo.co.in
5	Ms. Soumyakumari.L.K	Asst. Professor	8089725723	soumsnair.soumya@gmail.com
6	Ms. Annie R Das	Asst. Professor	9645082061	annierdas@gmail.com
7	Ms. Caroline Mary	Asst. Professor	9400025309	carolinemarym@gmail.com
8	Ms. Prathiba S Nair	Asst. Professor	8547074309	prathibhalaiju@yahoo.co.in
9	Mr. Karthik M	Asst. Professor	9496327831	karthikcpta@gmail.com
10	Ms. Ganga S	Asst. Professor	8547125936	gangas16@gmail.com
11	Ms. Vidhya C A	Asst. Professor	8086004776	vidyasanen@gmail.com
12	Ms. Haseena Yoosaf	Asst. Professor	9633243391	hazeenayoosaf@gmail. com

Department of Mathematics

1	Dr. Madhukar Mallayya	HOD & Professor	9446244944	hodmaths@mcetonline.com
2	Ms. Nisha S	Asst. Professor	9895260547	nishani_14@yahoo.co.in
3	Ms. Anu K.V	Asst. Professor	9846528214	anu.kv.prasanth@gmail.com
4	Ms. Praseetha P Unnithan	Asst. Professor	6282722495	praseethaunnithan8@gmail.com
5	Ms. G S Rekha	Asst. Professor	9447442020	rekhasuresh006@gmail.com
6	Ms. Naveena Padmam M G	Asst. Professor	8281349880	naveenaapoorva@gmail.com
7	Ms. Rohini P	Asst. Professor(Guest)	9744700131	rohini.jun13@gmail.com

Department of MCA

1	Ms. Sreeja K	Asst.Professor & Head Incharge	9895666920	hodmca@mcetonline.com
2	Prof. Tibi Edison	Associate Professor	9847188854	proffmca@mcetonline.com
3	Ms. Rekha M. Pillai	Asst.Professor	9447908831	skrekha@rediffmail.com
4	Ms. Jeeja.G.S	Asst.Professor	9947363368	gsjeeja@hotmail.com
5	Ms. Jayanthi T	Asst.Professor	9446429565	jayanthigan@gmail.com
6	Ms. Subha Ramachandran	Asst.Professor	9447448281	subha.r78@gmail.com
7	Mr. Rajesh D	Asst.Professor	9095732002	rajeshd936@gmail.com

Department of MBA

1	Dr. Shibulal A L	HOD, Associate Prof.	9847425550 / 884871083	shibulal77@yahoo.co.in
2	Dr G Chandramohan Anan	Professor	9447031989	cmtoread@gmail.com
3	Dr BINU N	Assistant Professor	9447654890	drbinun@gmail.com
4	Mr. Shaan R S	Asst.Professor	8129797635 / 8075679161	shaansknowledgehub@gmail.com
5	Ms. Shimna Mol	Asst.Professor(Guest)	9539090833	shimnamcet@gmail.com

Department of Civil Engineering

1	Dr. Sheela Evangeline Y	HOD & Professor	9895217551	sheelabala2000@gmail.com
2	Ms. Sukanya R V	Asst.Professor	8129716234	sukanyarv1988@gmail.com
3	MS. Megha M	Asst.Professor	9746928578	mekha078@gmail.com
4	Ms. Aparna S R	Asst. Professor	8129273532	aparna89sr@gmail.com
5	Ms. Remya R S	Asst. Professor	9633356460	remyars93@gmail.com
6	Ms. Joan Mary Jojo	Asst. Professor	8848482683	joanmaryjojo@gmail.com
7	Mr.R Murugan	Adjunct Faculty	7902738271	murugan_r4@yahoo.com
8	Ms. Blessy Thulaseedas	Asst. Professor	8848360536	blessythulaseedas@gmail.com
9	Ms. Reshma Mathew	Asst. Professor	9496722570	reshma123amp@gmail.com
10	Ms. Vaidehi S R	Asst. Professor	9447871218	vaidehisr781@gmail.com

Department of Chemistry

1	Ms. Kavitha P. Nair	Asst. Professor	9447857888	kavithamohannair@gmail.com
2	Ms. Sreelekshmi C S	Asst. Professor	9074242249	iamsreelekshmy@gmail.com

Department of Physics

1	Ms. Asha M C	Asst. Professor	9446113534	ashamc.sujith@gmail.com
2	Ms.Arunima S	Asst. Professor	9946593907	aruniram@gmail.com

English & Humanities

1	Ms. Mobi M Das	Asst. Professor	9497454788	mobimohandas11@gmail.com
2	Ms. Shinma Mol M	Asst. Professor(Guest)	9539090833	shimna.124@gmail.com

Counsellor

1	Ms. Anina	Asst. Professor	7356389286	aninasingh@gmail.com
---	-----------	-----------------	------------	----------------------

Sports

1	Mr. Adrian Miranda	Sports In Charge	9846165111	adrianmiranda@gmail.com
2	Mr. Jinson Eugin	Sports In Charge	9846023430	jinsoneugin1@gmail.com

College Hostels

1	Ms. VijayaKumari	Asst. Warden Womens Hostel	9495332437	
2	Mr. Adrian Miranda	Asst. Warden Mens Hostel	9846165111	adrianmiranda@gmail.com

TIME TABLE

	1	2	3	4	5	6	7
Monday							
Tuesday							
Wednesday							
Thursday							
Friday							

DIRECTORY

**MCET EPABX Numbers: 0472-2813039, 0472-2802552,
0472-2814578**

**Help line numbers: 9847756665, 9847756668
(Time: 8.30 am to 4.30 pm)**

Extensions

Administrative Officer	110
Accounts Officer	106
MH	135
LH	137

Men's Hostel (MH) 0472-2814580 (D)

Ladies Hostel (LH) 0472-2814572 (D)