

SCHEME OF INSTRUCTION & EXAMINATION**B.E. (Civil Engineering) VII– SEMESTER**

S. No.	Course Code	Course Title	Scheme of Instruction			Scheme of Examination		Credits
			L	T	Pr/Drg	CIE	SEE	
Theory Courses								
1	PC426CE	Estimation and Specification	2	-	-	30	70	2
2	ES310 CE	Disaster Preparedness & Planning	3	-	-	30	70	3
3	PE	Professional Elective - 4	3	-	-	30	70	3
4	PE	Professional Elective - 5	3	-	-	30	70	3
5	PE	Professional Elective - 6	3	-	-	30	70	3
6	OE	Open Elective -2	3	-	-	30	70	3
7	MC 802 HS	Essence of Indian Traditional Knowledge	2	-	-	30	70	-
Practical/ Laboratory Courses								
8	PC427CE	Estimation and Specification Laboratory	-	-	2	25	50	1
9	PW 702CE	Summer Internship Evaluation	-	-	-	50*		2
10	PW 703CE	Project Work – I			6	50		3
			19	-	8			23

*Evaluation of Technical Report and Seminar based on summer industrial Internship/Mini Project

Professional Elective – 4		
S.No.	Course Code	Course Title
1	PE 513 CE	Prestressed Concrete
2	PE 514 CE	Highway Construction and Management
3	PE 515 CE	Environmental Impact Assessment of Civil Engineering Projects
4	PE 516 CE	Instrumentation & Sensor Technologies for Civil Engineering Applications

Professional Elective – 5			Professional Elective – 6		
S.No.	Course Code	Course Title	S.No.	Course Code	Course Title
1	PE 517 CE	Structural Engineering Design & Detailing	1	PE 521 CE	Finite Element Method
2	PE 518 CE	Intelligent Transportation Systems	2	PE 522 CE	Urban Transportation Planning
3	PE 519 CE	Water and Air Quality Modelling	3	PE 523 CE	Surface Hydrology
4	PE 520 CE	Green Building Technologies	4	PE 524 CE	GIS and Remote Sensing

Open Elective -2		
S.No.	Course Code	Course Title
1	OE602 CE	Principles of Green Buildings (Not for Civil Engg. Students)
2	OE603 EE	Non-Conventional Energy Sources (Not for EEE & EIE Students)
3	OE604 EE	Transducers and Sensors (Not for EEE & EIE Students)
4	OE621 AE	Automotive Safety and Ergonomics (Not for Mech./Prod./Automobile Engg. students)
5	OE621 ME	Entrepreneurship (Not for Mech./Prod./Automobile Engg. students)
6	OE602 CS	Data Science Using R (Not for CSE Students)
7	OE 603 IT	Cyber Security (Not for IT Students)
8	OE603 EE	Non-Conventional Energy Sources (Not for EEE & EIE Students)

SCHEME OF INSTRUCTION & EXAMINATION

B.E. (Civil Engineering) VIII- SEMESTER

S. No.	Course Code	Course Title	Scheme of Instruction			Scheme of Examination		Credits
			L	T	Pr/Drg	CIE	SEE	
Theory Courses								
1	MC 803 HS	Constitution of India	2	-	-	30	-	-
2	PE	Professional Elective – 7	3	-	-	30	70	3
3	OE	Open Elective -3	3	-	-	30	70	3
Practical/ Laboratory Courses								
4	PW 704 CE	Project Work - II	-	-	10	50	100	5
			8	-	10			11

Professional Elective – 7		
S.No.	Course Code	Course Title
1	PE 525 CE	Advanced Reinforced Concrete Design
2	PE 526 CE	Ground Improvement Techniques
3	PE 527 CE	Principles of Climate Change
4	PE 528 CE	Repair and Rehabilitation Techniques

Open Elective – 3		
S.No.	Course Code	Course Title
1	OE605 EE	Smart Building Systems (Not for EEE & EIE Students)
2	OE606 EE	Programmable Logic Controllers (Not for EEE & EIE Students)
3	OE631 AE	Automotive Maintenance (Not for Mech./Prod./Automobile Engg. students)
4	OE631 ME	Mechatronics (Not for Mech./Prod./Automobile Engg. students)
5	OE603 CE*	Essentials of Road Safety Engineering (Not for Civil Engg. Students)
6	OE604 IT	Software Engineering (Not for IT Students)

* Offered by Civil Engineering Department. CE Students are not eligible to take this course

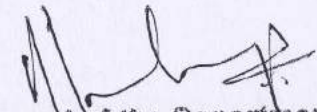
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**SCHEME OF INSTRUCTION & EXAMINATION
B.E (Computer Science and Engineering)
SEMESTER-VI**

S. No	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	D/P	Contact Hrs/Wk	CIE	SEE	Duration in Hrs/Wk	
Theory Courses										
1	PC 601 CS	Compiler Design	3	1	-	4	30	70	3	3
2	PC 602 CS	Design and Analysis of Algorithms	3	1	-	4	30	70	3	3
3	PC 603 CS	Machine learning	3	1	-	4	30	70	3	3
4	PC-604 CS	Cryptography and Network Security	3	-	-	3	30	70	3	3
5	PE-62X CS	Professional Elective -II	3	-	-	3	30	70	3	3
6	OE-I	Open Elective-I	3	-	-	3	30	70	3	3
Practical/Laboratory Courses										
7	PC 651 CS	Machine learning LAB	-	-	2	2	25	50	3	1
8	PC 652 CS	Design and Analysis of Algorithms Lab	-	-	2	2	25	50	3	1
9	PW 653 CS	Mini Project	-	-	4	4	25	50	3	2
10	SI 671 CS	Summer Internship*	-	-	-	-	-	-	-	-
Total			18	3	8	29	255	570		22

Profession Elective – II	
Course Code	Course Title
PE 621 CS	Quantum Computing
PE 622 CS	Advanced Computer Architecture
PE 623 CS	Image Processing
PE 624 CS	Software Testing
PE 625 CS	Data Mining
PE 626 CS	Mobile Computing

Open Elective – I	
Course Code	Course Title
OE601 CS	OOP using Java (Not for CSE Students)
OE602 CS	Data Structure and Algo. (Not for CSE Students)


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BE(CSE) SEMESTER-VII SCHEME:-

Sl.	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	P/D	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
Theory Courses										
1	PC 701 CS Core-13	Information Security	3	-	-	3	30	70	3	3
2	PC 702 CS Core-14	Data Science Using R Programming	3	1	-	4	30	70	3	4
3	PC 703 CS Core-15	Distributed Systems	3	1	-	4	30	70	3	4
4	OE-II	Open Elective – II	3	-	-	3	30	70	3	3
Practical/ Laboratory Courses										
5	PC 751 CS	Data Science Lab	-	-	3	3	25	50	3	1.5
6	PC 752 CS	Distributed Systems Lab	-	-	3	3	25	50	3	1.5
7	PW 761 CS	Project Work – I	-	-	4	4	50	-	-	2
8	SI 762 CS	Summer Internship	-	-	-	-	25	50	-	2
			12	02	10	24	245	430	18	21

PC: Professional Course PE: Professional Elective,
 HS: Humanities and social Science
 MC: Mandatory Course
 L: Lecture T: Tutorial
 P: Practical D: Drawing
 CIE: Continuous Internal Evaluation,
 SEE: Semester End Examination (Univ. Exam)

Note:

1. Each contact hour is a Clock Hour
2. The practical class can be of two and half hour (clock hours) duration as per the requirement of a particular laboratory.

Open Elective II	
Course Code	Course Title
OE 701 CE	Green Building Technologies
OE 701 CS**	Data Science and Data Analytics
OE701EE	Non-Conventional Energy Sources
OE702EE	Transducers and Sensors
OE701EC	Fundamentals of IoT
OE701 IT**	Cyber Security
OE701ME	Start-Up Entrepreneurship
OE701AE	Automotive Maintenance

Note:- ** Subject is not offered to the students of CSE and IT Department.

BE(CSE) SEMESTER-VIII SCHEME:-

Sl.	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	P/D	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
Theory Courses										
1	PE-VI	Professional Elective – VI	3	-	-	3	30	70	3	3
2	OE-III	Open Elective – III	3	-	-	3	30	70	3	3
Practical/ Laboratory Courses										
7	PW861 CS	Project Work – II	-	-	16	16	50	100	-	8
			06	-	16	22	110	240	06	14

Profession Elective – VI		
Sl.	Course Code	Course Title
1	PE 827 CS	Mobile Computing
2	PE 828 CS	Semantic Web & Social Networking
3	PE 829 CS	Cyber Security & Forensics

Open Elective III	
Course Code	Course Title
OE 801 CE	Road Safety Engineering
OE 801CS**	Fundamentals of AL & ML
OE801EE	Smart Building Systems
OE802EE	Programmable Logic Controllers
OE801EC	Principles of Electronic Communications
OE801 IT**	Software Engineering
OE801ME	3D Printing Technologies
OE801AE	Elements Of Electric And Hybrid Vehicle Technology

Note- : ** Subject is not offered to the students of CSE and IT Department.

PC: Professional Course
MC: Mandatory Course

HS: Humanities and Sciences

L: Lectures T: Tutorials

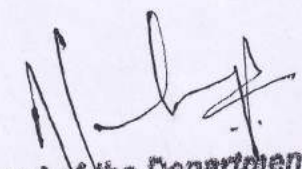
P: Practical D: Drawing

CIE: Continuous Internal Evaluation

SEE: Semester End Examination (Univ. Exam)

Note-2: 1) Each contact hour is a Clock Hour

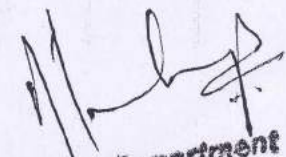
2) The practical class can be of two and half hour (clock hours) duration as per the requirement of a particular laboratory.


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SCHEME OF INSTRUCTION & EXAMINATION
B.E. V - SEMESTER
(Artificial Intelligence and Data Science)

S. No.	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	D/P	Contact Hrs. / W	CIE	SEE	Duration in Hrs.	
Theory Course										
1.	PC501AD	Software Engineering	3	0	-	3	30	70	3	3
2.	PC502AD	Database Management System	3	0	-	3	30	70	3	3
3.	PC503AD	Artificial Intelligence	3	0	-	3	30	70	3	3
4.	PC504AD	Automata languages & Computation	3	-	-	3	30	70	3	3
5.	PC505AD	Forecasting Techniques	3	-	-	3	30	70	3	3
6.	PE-I	Professional Elective-I	3	-	-	3	30	70	3	3
Practical/Laboratory Course										
7.	PC551AD	Artificial Intelligence Lab	-	-	2	2	25	50	2	1
8.	PC552AD	DBMS Lab	-	-	2	2	25	50	2	1
9.	PW553AD	Mini Project	-	-	4	4	25	50	4	2
Total			20	00	08	32	280	640		22

Professional Elective-I	
Course Code	Course Title
PE511AD	Artificial Neural Networks
PE512AD	Computer Vision
PE513AD	Distributed system
PE514AD	Web Technologies
PE515AD	Foundation of Cryptography
PE516AD	Internet of Things


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SCHEME OF INSTRUCTION & EXAMINATION
B.E. VI - SEMESTER
(Artificial Intelligence and Data Science)

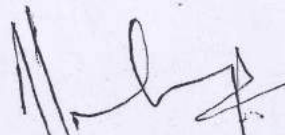
S. No	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	D/P	Contact Hrs./Wk.	CIE	SEE	Duration	
Theory Courses										
1.	PC601AD	Machine Learning	3	0	-	3	30	70	3	3
2.	PC602AD	Big Data Analytics	3	0	-	3	30	70	3	3
3.	PC603AD	Cloud Computing	3	0	-	3	30	70	3	3
4.	PE-II	Professional Elective-II	3	-	-	3	30	70	3	3
5.	PE-III	Professional Elective-III	3	-	-	3	30	70	3	3
6.	OE-I	Open Elective-I	3			3	30	70	3	3
Practical/Laboratory Courses										
7.	PC654AD	Machine Learning Lab	-	-	2	2	25	50	2	1
8.	PC655AD	BDA Lab	-	-	2	2	25	50	2	1
9.	SI671AD	Summer Internship*	-	-	-	-	25	25	-	2
Total			15	0	4	22	280	620		22

Professional Elective-II

Course Code	Course Title
PE621AD	Data Visualization
PE622AD	Human Computer Interaction
PE623AD	Soft Computing
PE624AD	Scripting Languages
PE625AD	Block chain Technology
PE626AD	Design Thinking

Professional Elective-III

Course Code	Course Title
PE631AD	Information Retrieval Systems
PE632AD	Cognitive Science & Analytics
PE633AD	Quantum Computing
PE634AD	Web Services
PE635AD	Cyber Security
PE636AD	Open source tools


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SCHEME OF INSTRUCTION & EXAMINATION
B.E. (Electrical and Electronics Engineering) VII – SEMESTER

S. No	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	P/D	Contact Hrs/Wk	CIE	SEE	Duration In Hrs	
Theory Courses										
1	PC428EE	Control of Electric Drives	3	-	-	3	30	70	3	3
2	PC429EE	Switchgear and Protection	3	-	-	3	30	70	3	3
3	PC430EE	Power Electronic Applications to Power Systems	3	-	-	3	30	70	3	3
4	PE5_EE	Professional Elective - II	3	-	-	3	30	70	3	3
5	PE5_EE	Professional Elective - III	3	-	-	3	30	70	3	3
6	PE5_EE	Professional Elective - IV	3	-	-	3	30	70	3	3
Practical / Laboratory Courses										
7	PC462EE	Power Systems Lab	-	-	2	2	25	50	3	1
8	PC466EE	Electrical Simulation Lab	-	-	2	2	25	50	3	1
9	PW702EE	Project Work Phase - I	-	-	6	6	25	50	-	3
10	PW701EE	Summer Internship*	-	-	-	-	50	-	-	1
Total			18	-	10	28	305	570	-	24

Professional Elective – II, III & IV		
1	PE501EE	Electrical Machine Design
2	PE502EE	Special Electric Machines
3	PE505EE	High Voltage Engineering
4	PE506EE	Digital Control Systems
5	PE509EE	Power Quality Engineering
6	PE510EE	Energy Management Systems and SCADA

HS: Humanities and Social Sciences BS: Basic Science ES: Engineering Science
 MC: Mandatory Course PC: Professional Core PE: Professional Elective
 L: Lecture T: Tutorial P: Practical D: Drawing
 CIE: Continuous Internal Evaluation SEE: Semester End Evaluation (Univ. Exam) EE: Electrical Engg.

Note:

- Each contact hour is a clock hour.
- The duration of the practical class is two hours, however it can be extended wherever necessary, to enable the student to complete the experiment.
- The students have to undergo a Summer Internship of six-week duration after VI-Semester and credits will be awarded in VII-Semester after evaluation.

For the academic years 2020-2024

SCHEME OF INSTRUCTION & EXAMINATION
AICTE Model Curriculum

B. E. VI – Semester (MECHANICAL ENGINEERING)
(Proposed for the Academic year 2020-2021)

S. No.	Course Code	Course Title	Scheme of Instructions				Scheme of Examination			Credits
			L	T	P/D	Contact Hours/Week	CIE	SEE	Duration in Hours	
Theory Course										
1	PC413ME	Machine Design	3	-	-	3	30	70	3	3
2	PC414ME	Metal Cutting and Machine Tools	3	-	-	3	30	70	3	3
3	PC415ME	Finite Element Analysis	3	-	-	3	30	70	3	3
4	PE52ME	Professional Elective-II	3	-	-	3	30	70	3	3
5	PE53ME	Professional Elective-III	3	-	-	3	30	70	3	3
6	OE61	Open Elective-I	3	-	-	3	30	70	3	3
Practical / Laboratory Course										
7	PC458ME	Metrology and Machine Tools Lab	-	-	2	2	25	50	3	1
8	PC459ME	Computer Aided Engineering Lab	-	-	2	2	25	50	3	1
9	PW701ME	Summer Internship*						50		2
Total										22

Professional Elective-II			Professional Elective-III		
S. No.	Course Code	Course Title	S. No.	Course Code	Course Title
1.	PE521ME	Thermal Turbo Machines	1.	PE531ME	Composite Materials
2.	PE522ME	Production and Operations management	2.	PE532ME	Product Design And Process Planning
3.	PE523ME	Design For Manufacture	3.	PE533ME	Power Plant Engineering

Open Elective-I		
S. No.	Course Code	Course Title
1	OE611ME	Industrial Robotics (Not for Mech. Engg. students)

MC: Mandatory Course **BS:** Basic Science **ES:** Engineering Science
L: Lecture **T:** Tutorial **P:** Practical **D:** Drawing
CIE: Continuous Internal Evaluation **SEE:** Semester End Examination (Univ. Exam)

Note: 1. Each contact hour is a clock hour
 2..The duration of the practical class is two hours, however it can be extended wherever necessary, to enable the student to complete the experiment.

(Signature)
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* At the end of VI semester students should undergo Summer Internship. Credits for Summer Internship will be awarded in

SCHEME OF INSTRUCTION & EXAMINATION
B.E. (Mechanical Engineering) VII – SEMESTER
 (wef: 2021-2022)

S. No.	Course Code	Course Title	Scheme of Instructions				Scheme of Examination			Credits
			L	T	P/D	Contact Hours/W	CIE	SEE	Duration in Hours	
Theory Course:										
1	PC701ME	Operations Research	3	-	-	3	30	70	3	3
2	PC702ME	Refrigeration & Air Conditioning	3	-	-	3	30	70	3	3
3	PE-III	Professional Elective-III	3	-	-	3	30	70	3	3
4	PE-IV	Professional Elective-IV	3	-	-	3	30	70	3	3
5	OE-II	Open Elective-II	3	-	-	3	30	70	3	3
Practical / Laboratory Course:										
6	PW702ME	Project -I	-	-	6	6	50			3
Total										18

Professional Elective-III		
S. No.	Course Code	Course Title
1	PE711ME	Industrial Engineering
2	PE712ME	Control Systems Theory
3	PE713ME	Electric and Hybrid vehicles Technology

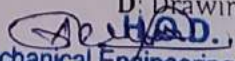
Professional Elective-IV		
S. No.	Course Code	Course Title
1	PE721ME	Additive Manufacturing Technology
2	PE722ME	Robotics Engineering

Open Elective - II		
1	OE701 CE	Green Building Technologies (Not for Civil Engg students)
2	OE701 CS	Data science and Data Analytics (Not for CS students)
3	OE701 EE	Non Conventional Energy Sources (Not for EEE & EIE Students)
4	OE701 EC	Fundamentals of IoT (Not for ECE Students)
5	OE701 IT	Cyber security (Not for IT students)
6	OE701 ME	Start-up Entrepreneurship (Not for Mech/Prod Engg students)
7	OE701AE	Automotive Maintenance (Not for Automobile Engineering)

MC: Mandatory Course
 CIE: Continuous Internal Evaluation
 SEE: Semester End Examination (Univ. Exam)

BS: Basic Science ES: Engineering Science
 L: Lecture T: Tutorial
 P: Practical D: Drawing

Note:
 1. Each contact hour is a clock hour


Mechanical Engineering Department
Methodist College of Engg & Tech
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**SCHEME OF INSTRUCTION & EXAMINATION
B.E. (Mechanical Engineering) VIII - SEMESTER
(Proposed for the Academic year 2021-2022)**

S. No	Course Code	Course Title	Scheme of Instruction				Scheme of Examination			Credits
			L	T	P/D	Contact Hours/Week	CIE	SEE	Duration in	
Theory Course										
1	PE-V	Professional Elective-V	3	-	-	3	30	70	3	3
2	PE-VI	Professional Elective-VI	3	-	-	3	30	70	3	3
3	OE-III	Open Elective-III	3	-	-	3	30	70	3	3
Practical / Laboratory Course										
4	PW703ME	Project-II	-	-	16	16	50	150		8
Total										17

<i>Professional Elective-V</i>		
S. No.	Course Code	Course Title
1	PE811ME	Mechanical Vibrations
2	PE812ME	Composite Materials
3	PE813ME	Power Plant Engineering

<i>Professional Elective-VI</i>		
S. No.	Course Code	Course Title
1	PE821ME	Energy Conservation & Management
2	PE822ME	Non-Destructive Testing
3	PE823ME	Entrepreneurship Development

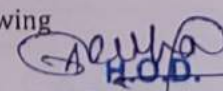
Open Elective - III		
1	OE801 CE	Road Safety Engineering (Not for Civil Engg. Students)
2	OE801CS	Fundamentals of AI & ML (Not for CSE & IT students)
3	OE801 EE	Smart Building Systems (Not for EEE & EIE Students)
4	OE802 EE	Programmable Logic Controllers (Not for EEE & EIE Students)
5	OE801EC	Principles of Electronic Communications (Not for ECE students)
6	OE801IT	Software Engineering (Not for IT Students)
7	OE801ME	3D Printing Technologies (Not for Mechanical and Production students)
8	OE801AE	Elements of Electrical and Hybrid Vehicle Technology

MC: Mandatory Course
CIE: Continuous Internal Evaluation
SEE: Semester End Examination (Univ. Exam)

BS: Basic Science **ES:** Engineering Science
L: Lecture **T:** Tutorial
P: Practical **D:** Drawing

Note:

- Each contact hour is a clock hour
- The duration of the practical class is two hours, however it can be extended wherever

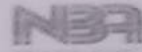

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**METHODIST****COLLEGE OF ENGINEERING & TECHNOLOGY**

Approved by AICTE, New Delhi & Affiliated to Osmania University

Accredited by NAAC with A+ and NBA for UG Courses

College Code: 1607



SCHEME OF INSTRUCTION & EXAMINATION

M.E. (Mechanical Engineering)

II Semester Specialization in
CAD/CAM

S. No.	Course Type/Code	Course Name	Scheme of Instruction				Scheme of Examination			Credits		
			L	T	P/D	Contact Hrs/Wk	CIE	SEE	Duration in Hrs			
Theory Courses		Code	Course Title									
1	Program Core -IV	6PC5204ME	Advanced Material Technology		3	1	-	4	40	60	3	4
2	Program Core -V	6PC5205ME	Automation		3	1	-	4	40	60	3	4
3	Elective-II	PE-II	Professional Elective -II		3	-	-	3	40	60	3	3
4	Open Elective	OE-I	Open Elective - I		3	-	-	3	40	60	3	3
5	Audit-II	AD-II	Audit Course - II		2	-	-	2	40	60	3	-
6	Mini project	6PC5255ME	Innovative Design Project		-	-	8	8	50	-	3	4
Practical/ Laboratory Courses												
7	Lab-II	6PC5252CD	Advanced CAD Lab		-	-	2	2	40	60	3	1
8	Lab-III	6PC5253CD	CAM &Automation Lab		-	-	2	2	40	60	3	1
Total					14	02	12	28	330	420	24	20

PC: Program Core PE: Professional Elective OE: Open Elective AD: Audit Course
MC: Mandatory Course HS: Humanities and social science

L: Lecture T: Tutorial P: Practical D: Drawing
CIE: Continuous Internal Evaluation SEE: Semester End Examination

Professional Elective-II		
S. No.	Course Code	Course Title
1	6PE5205ME	Advanced Machine Design
2	6PE5206ME	Optimization Techniques
3	6PE5207ME	Computational Fluid dynamics
4	6PE5208ME	Composite Materials



METHODIST



COLLEGE OF ENGINEERING & TECHNOLOGY

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College Code: 1607

Open Elective-I		
S. No.	Course Code	Course Title
1	6OE5201CE	Cost Management of Engineering Projects
2	6OE5202CS	Business Analytics
3	6OE5203EC	Fundamentals of Embedded Systems
4	6OE5204EE	Waste to Energy
5	6OE5205ME	Intellectual Property Rights & Copy Writing

Audit Course-II		
S. No.	Course Code	Course Title
1	6AD5205HS	Constitution of India and Fundamental Rights
2	6AD5206HS	Pedagogy Studies
3	6AD5207HS	Stress Management by Yoga
4	6AD5208HS	Personality Development through life Enlightenment Skills

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Mechanical Engineering Department
Methodist College of Engg & Tech
King Koti, Hyderabad-500 001.



METHODIST



COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Osmania University

Accredited by NAAC with A+ and NBA for UG Courses

College Code: 1607

SCHEME OF INSTRUCTION & EXAMINATION

M.E. (Mechanical Engineering) III Semester

Specialization in CAD/CAM

S. No.	Course Type/Code	Course Name	Scheme of Instruction				Scheme of Examination			Credits		
			L	T	P/D	Contact Hrs/Wk	CIE	SEE	Duration in Hrs			
Theory Courses		Code	Course Title									
1	Elective-III	PE-III	Professional Elective – III		3	-	-	3	40	60	3	3
2	Elective-IV	PE-IV	Professional Elective – IV		3	-	-	3	40	60	3	3
3	Project Dissertation	6PC5356ME	Dissertation Phase – I		-	-	20	20	100	-	3	10
Total					06	-	20	26	180	120		16

Professional Elective-III		
S. No.	Course Code	Course Title
1	6PE5209ME	Tribology
2	6PE5210ME	Product Design & Process Planning
3	6PE5211ME	Non Destructive Testing and Evaluation
4	6PE5212ME	Flexible Manufacturing Systems

Professional Elective-IV		
S. No.	Course Code	Course Title
1	6PE5213ME	Robotic Engineering
2	6PE5214ME	Advanced Manufacturing Processes
3	6PE5215ME	Advanced Engineering Materials
4	6PE5216ME	Integrated Product Design And Development

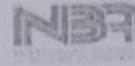
PC: Program Core PE: Professional Elective OE: Open Elective AD: Audit Course
 MC: Mandatory Course HS: Humanities and social science

L: Lecture T: Tutorial P: Practical D: Drawing
 CIE: Continuous Internal Evaluation SEE: Semester End Examination

H.O.D.
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SCHEME OF INSTRUCTION & EXAMINATION

M.E. (Mechanical Engineering)

IV Semester Specialization in

CAD/CAM

S. No.	Course Type/Code	Course Name	Scheme of Instruction				Scheme of Examination			Credits
			L	T	P/D	Contact Hrs/Wk	CIE	SEE	Duration in Hrs	
Theory Courses										
1	6PC5457ME	Dissertation Phase – II	-	-	28	28	-	200	3	14
Total			-	-	28	28	-	200		14

PC: Program Core PE: Professional Elective OE: Open Elective AD: Audit Course

MC: Mandatory Course HS: Humanities and social science

L: Lecture T: Tutorial P: Practical

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MCET (AUTONOMOUS) MBA SYLLABUS
MBA Semester- III

Course Code	Course Title	Nature	HPW	Credits	Max Marks (CIE+SEE) (40+60=100)	
MB301C	Operations Management	Core	4	4	40+60	
MB302C	E-Business	Core	4	4	40+60	
MB303C	Entrepreneurship Development	Core	4	4	40+60	
MB304C	Global Business Management	Core	4	4	40+60	
MB305E	Discipline Specific Elective:	DSE	8	8	-	
	Finance:		-	-	-	
MB305E-F-I	Investment Management		4	4	40+60	
MB305E-F-II	International Finance		4	4	40+60	
	Marketing :		-	-	-	
MB305E-M-I	Digital Marketing		4	4	40+60	
MB305E-M-II	Advertisement and Retail Management		4	4	40+60	
	Human Resource:		-	-	-	
MB305E-HR-I	Industrial Relations and Labour Laws		4	4	40+60	
MB305E-HR- II	Organisation Development		4	4	40+60	
	Systems :		-	-	-	
MB305E-S-I	Data Base Management System		4	4	40+60	
MB305E-S-II	Business Analytics		4	4	40+60	
MB306C	Synopsis of Project Work (CIE ONLY)		-	2	2	50+Nil
Semester credits			26	26	650	
Total Credits at the end of III semester			86	85	2200	

- HPW – Hours Per Week
- CIE – Continuous Internal Evaluation
- SEE – Semester End Exam


HEAD
 Department of Business Management,
 Methodist College of Engineering & Technology,
 Abids, Hyderabad-500 001 (I.S.) India

MCET (AUTONOMOUS) MBA SYLLABUS MBA Semester- IV

Course Code	Course Title	Nature	HPW	Credits	Max Marks (CIE+SEE) (40+60=100)	
MB401C	Strategic Management	Core	4	4	40+60	
MB402C	Business Intelligence	Core	4	4	40+60	
MB403C	Supply Chain Management	Core	4	4	40+60	
MB404E	Discipline Specific Elective:	DSE	8	8	-	
	Finance:		-	-	-	
MB404E-F-I	Financial Risk Management		4	4	40+60	
MB404E-F-II	Banking and Insurance		4	4	40+60	
	Marketing :		-	-	-	
MB404E-M-I	Buyer Behaviour		4	4	40+60	
MB404E-M-II	Services Marketing		4	4	40+60	
	Human Resource:		-	-	-	
MB404E-HR-I	Leadership and Change Management		4	4	40+60	
MB404E-HR-II	Performance Management		4	4	40+60	
	Systems :		-	-	-	
MB404E-S-I	Data Visualisation		4	4	40+60	
MB404E-S-II	Data Mining for Business		4	4	40+60	
MB405C	Project Work*		-	2	6	0+150
Semester credits			22	26	650	
Total Credits at the end of IV semester			108	111	2850	

- HPW – Hours Per Week
- CIE – Continuous Internal Evaluation
- SEE – Semester End Exam

Project Work* - Comprises of :

- 1) Project Report = 75 marks
- 2) Final Presentation = 50 marks and
- 3) Viva Voce = 25 marks


HEAD

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