



**EVEREST EDUCATIONAL SOCIETY'S GROUP OF INSTITUTIONS
GUT NO 187 & 189, OHAR, JATWADA ROAD, AURANGABAD**

**Action Taken Report
ACADEMIC YEAR 2018-19**

Sr. No.	Stake Holder	Feedback	Action Taken
1	Student	Change in syllabus to be made.	Letter given to university for change in syllabus.



A handwritten signature in black ink, appearing to be "D. J. Ph." or similar.

Principal



Everest Educational Society's Group of Institutions

Gut No 187&189, Ohar, Jatwada Road, Aurangabad 431008

NAAC Accredited "B+" Grade

DR. QUADRI A. G.
M.B.B.S., D.N.B., M.D. (Pad.)
President

DTE Code : EN 2111

DR. D. K. GUPTA
M. Tech., Ph.D.
Principal

Email : dsqietcollege@gmail.com

Website : www.escoet.org

❖ Approved by AICTE, Delhi, Permitted by DTE, Mumbai, & Affiliated to Dr. B.A.M. University, Aurangabad ❖

OW.No.1177/EESGOI/2018-19

Date: 19/11/2018

To,

Chairman BOS

Engg. Dept.,

Dr, Babasaheb Ambedkar Marathwada University Aurangabad.

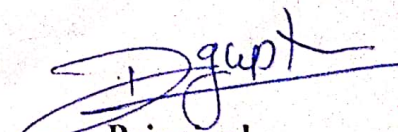
Subject: Suggestion for up gradation of BE (final Year) Subjects.

Sir,

With reference to the above cited subject, currently we are referring syllabus BE 2014- 2015 for all Branches. For the up-gradation of above mentioned subject we have taken curriculum feedback from our student of BE (Final Year Students). We have analyzed all the feedbacks and prepared a summary of all reports.

Thank you..!!




Principal
Principal
EESGOET, Aurangabad
Everest Educational Society's Group of Institutions
COLLEGE OF ENGINEERING & TECHNOLOGY



Everest Educational Society's Group of Institutions

Gut No 187&189, Ohar, Jatwada Road, Aurangabad, 431008

NAAC Accredited "B+" Grade

DR. QUADRI A. G.
M.B.B.S., D.N.B., M.D. (Pad.)
President

DTE Code : EN 2111

DR. D. K. GUPTA
M.Tech., Ph.D.
Principal

Email : dsqietcollege@gmail.com

Website : www.eescoet.org

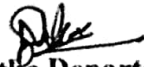
❖ Approved by AICTE, Delhi, Permitted by DTE, Mumbai, & Affiliated to Dr. B.A.M. University, Aurangabad ❖

Consolidated report on Syllabus up Graduation

Feedback was taken from the stockholder such as student, teacher, alumni, employers and suggestions on updating of curriculum of BE 2019-20 w.e.f. June 2019-20 is mentioned below for convening it to BAMU an affiliating university.

Mechanical Engineering Department

Sr. No.	Subject Name	Addition in Subject Syllabus	New Subject to be added (Give New Subject Name)
1	Automobile Engineering	No Change Required	Not required
2	Project management and operation Research	No Change Required	Not required
3	Refrigeration and air conditioning	No Change Required	Not required
4	-	-	Finite Element Analysis (To be added as Elective Subject)
5	-	-	Aerospace Engineering (To be added as Elective Subject)
6	Internal Combustion Engine	Unit I and II to be merged & new unit Gas Turbine To be added	Aerospace Engineering (To be added as Elective Subject)
7	Automatic Control System	No Change Required	Not required
8	Metrology and Quality Control	No Change Required	Not required
9	-	-	Energy Conservation and Management
10	-	-	Mechatronics (To be added as Elective Subject)
11	-	-	Advanced CAD CAM (To be added as Elective Subject)


Head of the Department
(Mechanical Engineering)
Mechanical Engineering
EES COE & T, Aurangabad.



Principal
Everest Educational Society's Group of Institutions
EES COE & T, Aurangabad
COLLEGE OF ENGINEERING & TECHNOLOGY



Everest Educational Society's Group of Institutions

Gut No 187&189, Ohar, Jatwada Road, Aurangabad, 431008

NAAC Accredited "B+" Grade

DR. QUADRI A. G.
M.B.B.S., D.N.B., M.D. (Pad.)
President

DTE Code : EN 2111

DR. D. K. GUPTA
M.Tech., Ph.D.
Principal

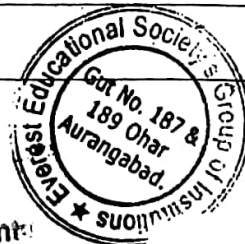
Email : dsqietcollege@gmail.com

Website : www.eescoet.org

Approved by AICTE, Delhi, Permitted by DTE, Mumbai, & Affiliated to Dr. B.A.M. University, Aurangabad

Civil Engineering Department

Sr. No.	Subject Name	Addition in Subject Syllabus	New Subject to be added (Give New Subject Name)
1	Environmental Engineering-II	Financial Consideration to be removed & Water Treatment Units added into syllabus	Not required
2	Water Resources Engineering -II	No Change Required	Not required
3	Design of Structures III	No Change Required	Not required
4	Foundation Engineering	unit-II name to be changed to Bearing Capacity of Soil and Settlement Analysis	Not required
5	Prestressed Concrete	No Change Required	Not required
6	Structural Mechanics	Unit-III to be changed to Flexibility matrix method	Not required
		Unit-IV to be changed to Stiffness Matrix method	Not required
		Unit-V to be changed to Finite Element Method	Not required
		Unit-VI to be changed to Membrane theory of thin cylindrical shells	Not required
7	Construction Management	No Change Required	Not required
8	Professional Practice	No Change Required	Not required
9	Advanced Structures	No Change Required	Not required
10	Industrial Waste Treatment	Unit-I Name to be changed to Pre and Primary Treatment unit-II Name to be changed to Advanced Waste Water Treatment Methods unit-VI Name to be changed to Operation & Maintenance Problems	Not required
11	-		Transportation Engineering



Head of the Department
(Civil Engineering)
Everest College Of Engineering & Technology

Head of Department
Civil Engineering Dept.

Principal
Everest Educational Society's Group of Institutions
COLLEGE OF ENGINEERING & TECHNOLOGY



Everest Educational Society's Group of Institutions

Gut No 187&189, Ohar, Jatwada Road, Aurangabad, 431008

NAAC Accredited "B+" Grade

DR. QUADRI A. G.
M.B.B.S., D.N.B., M.D. (Pad.)
President

DTE Code : EN 2111

DR. D. K. GUPTA
M.Tech., Ph.D.
Principal


Email : dsqietcollege@gmail.com

Website : www.eescoet.org

❖ Approved by AICTE, Delhi, Permitted by DTE, Mumbai, & Affiliated to Dr. B.A.M. University, Aurangabad ❖

Electrical Engineering Department

Sr. No.	Subject Name	Addition in Subject Syllabus	New Subject to be added (Give New Subject Name)
1	High Voltage Engineering	Unit II and III to be Merged	Not required
2	Electrical Drives	No Change Required	Not required
3	Flexible AC Transmission System	No Change Required	Not required
4	Digital Signal Processing	No Change Required	Not required
5	Power System operation and Control	No Change Required	Not required
6	Electrical Drives	Electrical traction to be covered under this	Not required
7	Industrial Automation	No Change Required	Not required
8		No Change Required	Not required
9	-	-	Electrical Traction (To be added as Elective Subject)
10	-	-	Artificial Intelligence (To be added as Elective Subject)
11	-	-	Open Elective-I (To be added as Elective Subject as per students choice)
12	Renewable Energy Sources	-	Nonconventional Energy Sources (To be added instead of Renewable Energy)
13	-	-	Open Elective -II (To be added as Elective Subject as per students choice)


Head of the Department
(Electrical Engineering)
Electrical Dept.

Everest Educational Society's
College of Engg. Aurangabad



Principal
EESCOET, Aurangabad
Principal

Everest Educational Society's Group of Institutions
COLLEGE OF ENGINEERING & TECHNOLOGY



Everest Educational Society's Group of Institutions

Gut No 187&189, Ohar, Jatwada Road, Aurangabad, 431008

NAAC Accredited "B+" Grade

DR. QUADRI A. G.
M.B.B.S., D.N.B., M.D. (Pad.)
President

DTE Code : EN 2111

DR. D. K. GUPTA
M.Tech., Ph.D.
Principal

Email : dsqietcollege@gmail.com

Website : www.eescoet.org

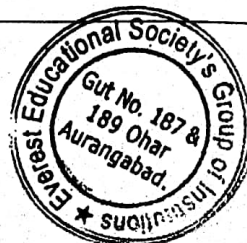
❖ Approved by AICTE, Delhi, Permitted by DTE, Mumbai, & Affiliated to Dr. B.A.M. University, Aurangabad ❖

Computer Science & Engineering Department

Sr. No.	Subject Name	Addition in Subject Syllabus	New Subject to be added (Give New Subject Name)
1	Data Warehousing Data Mining	Unit II and III to be Merged	Not required
2	Parallel & Distributed Computing	Not required	Cloud Computing (To be added instead of Parallel & Distributed Computing)
3	Principles of Compiler Design	Not required	Not required
4	Visual Modelling	Not required	Object Oriented Software Modeling & Design (To be added instead of Visual Modelling)
5	NIL	NIL	Internet of Things (To be added as Elective Subject)
6	Computer System Security and Laws	Not required	Big Data Computing (To be added instead of Visual Modelling)
7	Mobile Computing	Not required	Machine Learning (To be added instead of Mobile Computing)
8	Soft Computing	UNIT IV- Deep Learning instead of Unsupervised Learning, Merge UNIT V and UNIT VI, New Unit VI- Genetic Algorithms to be added	NIL
9	NIL	NIL	Information & Cyber Security (To be added as Elective Subject)

Forwards
Head of the Department
(Computer Science & Engineering)
H.O.D.

Department of Computer Science & Engineering
Everest Educational Society's Group of Institutions



Principal
EESCOET Aurangabad
Everest Educational Society's Group of Institutions
COLLEGE OF ENGINEERING & TECHNOLOGY

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY
CIRCULAR NO.SU/Engg./B.E./03/2019



It is hereby informed to all concerned that, the syllabi prepared by the Board of Studies & recommended by the Dean, Faculty of Science & Technology the **has accepted the following syllabi in accordance with Choice Based Credits & Grading System for all Branches of B.E. Final Year** in his emergency powers under section 12(7) of the Maharashtra Public Universities Act, 2016 on behalf of the Academic Council and Management Council as enclosed herewith:-

Sr.No.	Syllabi as per CBC & GS
[1]	Final Year B.E.[Civil Engineering],
[2]	Final Year B.E [Mechanical Engineering],
[3]	Final Year B.E [EE/EEE/Electrical, Electronics & Power,],
[4]	Final Year B.E [Chemical Engineering],
[5]	Final Year B.E [Instrumentation Engineering],
[6]	Final Year B.E [E&TC/E&C/IE/ECT],
[7]	Final Year B.E [CSE/IT].

This is effective from the Academic Year 2019-2020 and onwards.

All concerned are requested to note the contents of this circular and bring the notice to the students, teachers and staff for their information and necessary action.

University Campus,
Aurangabad-431 004.
REF.NO.SU/2019/387 - 819
Date:- 24-07-2019.

*
*
*
*


Deputy Registrar,
Syllabus Section

Copy forwarded with compliments to :-

- 1] **The Principals, affiliated concerned Colleges, Dr. Babasaheb Ambedkar Marathwada University.**
- 2] **The Director, University Network & Information Centre, UNIC, with a request to upload this Circular on University Website.**

Copy to :-

- 1] The Director, Board of Examinations & Evaluation,
- 2] **The Section Officer, [Engineering Unit] Examination Branch,**
- 3] The Section officer, [Eligibility Unit],
- 4] **The Programmer [Computer Unit-1] Examinations,**
- 5] **The Programmer [Computer Unit-2] Examinations,**
- 6] The In-charge, [E-Suvidha Kendra],
- 7] The Public Relation Officer,
- 8] The Record Keeper,

**D.R. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD.**



Curriculum of

B.E.

Computer Science and Engineering

Under Choice Based Credit & Grading System

UNDER THE FACULTY OF SCIENCE & TECHNOLOGY.

[Effective from 2019-20 & onwards]

Faculty of Engineering and Technology
Board of Studies in Computer Science and Engineering
Curriculum structure of BE (Computer Science and Engineering)
PART-I

Sub Code	Part-I	Contact Hrs/Week				Examination Scheme						Duration of The Theory Examination
		L	T	P	Total	CT	TH	TW	PR	Total	credits	
CSE401	Data Warehousing and Data Mining	4	--	--	4	20	80	--	--	100	4	3 Hrs
CSE402	Principles of Compiler Design	4	--	--	4	20	80	--	--	100	4	3 Hrs
CSE403	Object Oriented Software Modeling & Design	4	--	--	4	20	80	--	--	100	4	3 Hrs
CSE404	Cloud Computing	4	--	--	4	20	80	--	--	100	4	3 Hrs
CSE441 CSE442 CSE443	Elective – IV	4	--	--	4	20	80	--	--	100	4	3 Hrs
CSE421	Lab 1: Data Warehousing and Data Mining	--	--	2	2	--	--	--	50	50	1	
CSE422	Lab 2: Principles of Compiler Design	--	--	2	2	--	--	--	50	50	1	
CSE423	Lab 3: Cloud Computing	--	--	2	2	--	--	--	50	50	1	
CSE424 CSE425 CSE426	Lab 4: Elective – IV	--	--	2	2	--	--	50	--	50	1	
CSE427	Project Part-I	--	--	4	4	--	--	25	--	25	2	
CSE428	Seminar	--	--	4	4	--	--	25	--	25	2	
Total		20	--	16	36	100	400	100	150	750	28	

Elective –IV:

Code	Subject (Elective – IV)
CSE441	Agile Methodology
CSE442	Remote Sensing & Geographical Information Systems
CSE443	Internet of Things

L: Lecture hours per week **T:** Tutorial hours per week **P:** Practical hours per week
CT: Class Test **TH:** University Theory Examination, **TW:** Term Work, **PR:** Practical/Oral Examination

PART - II

Sub Code	Part-II	Contact Hrs/Week				Examination Scheme						Duration of The Theory Examination
	Subject	L	T	P	Total	CT	TH	TW	PR	Total	Credits	
CSE451	Big Data Computing	4	--	--	4	20	80	--	--	100	4	3 Hrs
CSE452	Soft Computing	4	--	--	4	20	80	--	--	100	4	3 Hrs
CSE453	Machine Learning	4	--	--	4	20	80	--	--	100	4	3 Hrs
CSE491 CSE492 CSE493 CSE494	Elective-V	4	--	--	4	20	80	--	--	100	4	3 Hrs
CSE471	Lab 5: Big Data Computing	--	--	2	2	--	--	--	50	50	1	
CSE472	Lab 6: Soft Computing	--	--	2	2	--	--	--	50	50	1	
CSE473	Lab 7: Machine Learning	--	--	2	2	--	--		50	50	1	
CSE474 CSE475 CSE476 CSE477	Lab 8 (Elective-V)	--	--	2	2	--	--	50	--	50	1	
CSE478	Project Part – II	--	--	8	8	--	--	50	100	150	4	
	Total	16	--	16	32	80	320	100	250	750	24	
	Total of Semester I & II	36	--	32	68	180	720	200	400	1500	52	

Elective - V:

Code	Subject (Elective – V)
CSE491	Information & Cyber Security
CSE492	ERP
CSE493	Game Architecture & Design
CSE494	Human Computer Interface

L: Lecture hours per week **T:** Tutorial hours per week **P:** Practical hours per week
CT: Class Test **TH:** University Theory Examination, **TW:** Term Work, **PR:** Practical/Oral Examination

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY
CIRCULAR NO.SU/Engg./B.E./03/2019



It is hereby informed to all concerned that, the syllabi prepared by the Board of Studies & recommended by the Dean, Faculty of Science & Technology the **has accepted the following syllabi in accordance with Choice Based Credits & Grading System for all Branches of B.E. Final Year** in his emergency powers under section 12(7) of the Maharashtra Public Universities Act, 2016 on behalf of the Academic Council and Management Council as enclosed herewith:-

Sr.No.	Syllabi as per CBC & GS
[1]	Final Year B.E.[Civil Engineering],
[2]	Final Year B.E [Mechanical Engineering],
[3]	Final Year B.E [EE/EEE/Electrical, Electronics & Power,],
[4]	Final Year B.E [Chemical Engineering],
[5]	Final Year B.E [Instrumentation Engineering],
[6]	Final Year B.E [E&TC/E&C/IE/ECT],
[7]	Final Year B.E [CSE/IT].

This is effective from the Academic Year 2019-2020 and onwards.

All concerned are requested to note the contents of this circular and bring the notice to the students, teachers and staff for their information and necessary action.

University Campus,
Aurangabad-431 004.
REF.No.SU/2019/387 - 819
Date:- 24-07-2019.

*
*
*
*


Deputy Registrar,
Syllabus Section

Copy forwarded with compliments to :-

- 1] **The Principals, affiliated concerned Colleges, Dr. Babasaheb Ambedkar Marathwada University.**
- 2] **The Director, University Network & Information Centre, UNIC, with a request to upload this Circular on University Website.**

Copy to :-

- 1] The Director, Board of Examinations & Evaluation,
- 2] **The Section Officer, [Engineering Unit] Examination Branch,**
- 3] The Section officer, [Eligibility Unit],
- 4] **The Programmer [Computer Unit-1] Examinations,**
- 5] **The Programmer [Computer Unit-2] Examinations,**
- 6] The In-charge, [E-Suvidha Kendra],
- 7] The Public Relation Officer,
- 8] The Record Keeper,

**D.R. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD.**



Curriculum of

B.E.

EEP/EE/EEE

Under Choice Based Credit & Grading System

UNDER THE FACULTY OF SCIENCE & TECHNOLOGY.

[Effective from 2019-20 & onwards]

Dr.BabasahebAmbedkarMarathwada University Aurangabad

Teaching and Examination scheme of BE (EEP/EE/EEE) wefA/C Year 2019-20.

CODE	Semester-I	Contact hr/week				Examination Scheme						
	Subject	L	T	P	Total	CT	TH	TW	P	Total	Credit	Duration of Theory Exam
EEP/401	Electrical Drives	4	-		4	20	80			100	4	3 Hr
EEP/402	Power System Protection	4	-		4	20	80			100	4	3 Hr
EEP/403	Digital Signal Processing	4	-		4	20	80			100	4	3 Hr
EEP/404	Industrial Automation	4	-		4	20	80			100	4	3 Hr
EEP/441-445	Elective IV	4	-		4	20	80			100	4	3 Hrs
EEP/421	LAB I Electrical Drives	-	-	2	2				50	50	1	
EEP/422	LAB II Power System Protection	-	-	2	2				50	50	1	
EEP/423	LAB III Digital Signal Processing	-	-	2	2				50	50	1	
EEP/424	LAB IV Industrial Automation	-	-	2	2			25		25	1	
EEP/425	LAB V Elective IV	-	-	2	2			25		25	1	
EEP/426	Project Part - I								50	50	1	
	Total	20	-	10	30	100	400	50	200	750	26	

Elective IV

1. EEP/441 Flexible AC Transmission System
2. EEP/442 Power Electronics II
3. EEP/443 Electrical Traction and Utilization
4. EEP/444 Artificial Intelligence
5. EEP/445 Open Elective I

Dr.BabasahebAmbedkarMarathwada University Aurangabad

Tentative Teaching and Examination scheme of BE (EEP/EE/EEE) wef A/C Year 2019-20.

CODE	Semester-I	Contact hr/week				Examination Scheme						
	Subject	L	T	P	Total	CT	TH	TW	P	Total	Credit	Duration of Theory Exam
EEP/451	High Voltage Engineering	4	-		4	20	80			100	4	3 Hr
EEP/452	Power System Operation & Control	4	-		4	20	80			100	4	3 Hr
EEP/453	Non Conventional Energy Sources and Applications	4	-		4	20	80			100	4	3 Hr
EEP/491-495	Elective V	4	-		4	20	80			100	4	3 Hr
EEP/471	LAB I High Voltage Engineering	-	-	2	2				50	50	1	
EEP/472	LAB II Power System Operation & Control	-	-	2	2				50	50	1	
EEP/473	LAB III Non Conventional Energy Sources and Applications	-	-	2	2			50		50	1	
EEP/474	LAB IV Elective V	-	-	2	2			50		50	1	
EEP/475	Project Part - II	-	-	6	6			50	100	150	6	
	Total	16	-	14	30	80	320	150	200	750	26	

Elective V

1. EEP/491 Electrical Power Quality
2. EEP/492 Electrical System Planning and Design
3. EEP/493 Embedded Systems
4. EEP/495 Control System II
5. EEP/496 Open Elective II

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY
CIRCULAR NO.SU/Engg./B.E./03/2019



It is hereby informed to all concerned that, the syllabi prepared by the Board of Studies & recommended by the Dean, Faculty of Science & Technology the **has accepted the following syllabi in accordance with Choice Based Credits & Grading System for all Branches of B.E. Final Year** in his emergency powers under section 12(7) of the Maharashtra Public Universities Act, 2016 on behalf of the Academic Council and Management Council as enclosed herewith:-

Sr.No.	Syllabi as per CBC & GS
[1]	Final Year B.E.[Civil Engineering],
[2]	Final Year B.E [Mechanical Engineering],
[3]	Final Year B.E [EE/EEE/Electrical, Electronics & Power,],
[4]	Final Year B.E [Chemical Engineering],
[5]	Final Year B.E [Instrumentation Engineering],
[6]	Final Year B.E [E&TC/E&C/IE/ECT],
[7]	Final Year B.E [CSE/IT].

This is effective from the Academic Year 2019-2020 and onwards.

All concerned are requested to note the contents of this circular and bring the notice to the students, teachers and staff for their information and necessary action.

University Campus,
Aurangabad-431 004.
REF.NO.SU/2019/387 - 819
Date:- 24-07-2019.

*
*
*
*


Deputy Registrar,
Syllabus Section.

Copy forwarded with compliments to :-

- 1] **The Principals, affiliated concerned Colleges, Dr. Babasaheb Ambedkar Marathwada University.**
- 2] The Director, University Network & Information Centre, UNIC, with **a request to upload this Circular on University Website.**

Copy to :-

- 1] The Director, Board of Examinations & Evaluation,
- 2] **The Section Officer, [Engineering Unit] Examination Branch,**
- 3] The Section officer, [Eligibility Unit],
- 4] **The Programmer [Computer Unit-1] Examinations,**
- 5] **The Programmer [Computer Unit-2] Examinations,**
- 6] The In-charge, [E-Suvidha Kendra],
- 7] The Public Relation Officer,
- 8] The Record Keeper,

**D.R. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD.**



Curriculum of

B.E.

Mechanical Engineering

Under Choice Based Credit & Grading System

UNDER THE FACULTY OF SCIENCE & TECHNOLOGY.

[Effective from 2019-20 & onwards]

Dr. Babasaheb Ambedkar Marathwada University, Aurangabad

FACULTY OF SCIENCE AND TECHNOLOGY

Syllabus Structure (CBCS) For A. Y. 2019-20

Fourth (Final) Year of Bachelor of Engineering (Mechanical Engineering)

SEMESTER: VII

Subject Code	Semester : V	Contact Hrs / Week			Examination Scheme					Credit Structure			Duration of Theory Exam
	Subject	L	P	Total	CT	TH	TW	P	Total	T	P	Total	
MED401	I. C. Engines And Gas Turbines	4		4	20	80			100	4		4	3 Hours
MED402	Automatic Control System	4		4	20	80			100	4		4	3 Hours
MED403	Metrology and Quality Control	4		4	20	80			100	4		4	3 Hours
MED404	Energy Conservation and Management	4		4	20	80			100	4		4	3 Hours
	Elective-II**	4		4	20	80			100	4		4	3 Hours
MED421	Lab-I I.C. Engines And Gas Turbines		2	2			25	25	50		1	1	
MED422	Lab-II Automatic Control System		2	2			25		25		1	1	
MED423	Lab-III Metrology and Quality Control		2	2			25	25	50		1	1	
MED424	Lab-IV : Energy conservation and Management		2	2				25	25		1	1	
	Seminar		2				50		50		2	2	
	Project-I		2					50	50		2	2	
Total		20	12	32	100	450	125	125	750	20	8	28	

Elective – II:

Course code	Subject Name
MED405	Mechatronics
MED406	Power Plant Engineering
MED407	Production Planning and Control
MED408	Advanced Materials and Manufacturing
MED409	Advanced CAD/CAM
	Open Elective

SEMESTER : VIII

Subject Code	Semester : VI	Contact Hrs / Week			Examination Scheme					Credit Structure			Duration of Theory Exam
	Subject	L	P	Total	CT	TH	TW	P	Total	T	P	Total	
MED451	Automobile Engineering	4		4	20	80			100	4		4	3 Hours
MED452	Project Management and Operation Research	4		4	20	80			100	4		4	3 Hours
MED453	Refrigeration and Air Conditioning	4		4	20	80			100	4		4	4 Hours
	Elective-III**	4		4	20	80			100	4		4	3 Hours
MED471	Lab-VI Automobile Engineering		2	2			25	25	50		1	1	
MED472	Lab-VII Project Management and Operation Research		2	2			25	25	50		1	1	
MED473	Lab-VIII Refrigeration and Air Conditioning		2	2			25	25	50		1	1	
MED474	Lab- Elective		2	2			50		50		1	1	
	Project-II***		4	4			50	100	150		4	4	
Total		16	12	28	80	320	175	175	750	16	8	24	

Elective-III:

MED454	Finite Element Analysis
MED455	Aerospace Engineering
MED456	Industrial Engineering
MED457	Computational Fluid Dynamics
MED458	Tribology
	Open Elective

L: Lecture Hours per Week **T:** Tutorial Hours per Week **P:** Practical Hours per Week **CT:** Class Test

TH: University Theory Exam. **TW:** Term Work **PR:** Practical/ Oral Exam.

Note: **Student can opt for open elective. *Projects can be interdisciplinary**

DR. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY
CIRCULAR NO.SU/Engg./B.E./03/2019



It is hereby informed to all concerned that, the syllabi prepared by the Board of Studies & recommended by the Dean, Faculty of Science & Technology the **has accepted the following syllabi in accordance with Choice Based Credits & Grading System for all Branches of B.E. Final Year** in his emergency powers under section 12(7) of the Maharashtra Public Universities Act, 2016 on behalf of the Academic Council and Management Council as enclosed herewith:-

Sr.No.	Syllabi as per CBC & GS
[1]	Final Year B.E.[Civil Engineering],
[2]	Final Year B.E [Mechanical Engineering],
[3]	Final Year B.E [EE/EEE/Electrical, Electronics & Power,],
[4]	Final Year B.E [Chemical Engineering],
[5]	Final Year B.E [Instrumentation Engineering],
[6]	Final Year B.E [E&TC/E&C/IE/ECT],
[7]	Final Year B.E [CSE/IT].

This is effective from the Academic Year 2019-2020 and onwards.

All concerned are requested to note the contents of this circular and bring the notice to the students, teachers and staff for their information and necessary action.

University Campus,
Aurangabad-431 004.
REF.NO.SU/2019/387 - 819
Date:- 24-07-2019.

*
*
*
*


Deputy Registrar,
Syllabus Section.

Copy forwarded with compliments to :-

- 1] **The Principals, affiliated concerned Colleges, Dr. Babasaheb Ambedkar Marathwada University.**
- 2] The Director, University Network & Information Centre, UNIC, with **a request to upload this Circular on University Website.**

Copy to :-

- 1] The Director, Board of Examinations & Evaluation,
- 2] **The Section Officer, [Engineering Unit] Examination Branch,**
- 3] The Section officer, [Eligibility Unit],
- 4] **The Programmer [Computer Unit-1] Examinations,**
- 5] **The Programmer [Computer Unit-2] Examinations,**
- 6] The In-charge, [E-Suvidha Kendra],
- 7] The Public Relation Officer,
- 8] The Record Keeper,

**D.R. BABASAHEB AMBEDKAR
MARATHWADA UNIVERSITY,
AURANGABAD.**



Curriculum of

B.E.

Civil Engineering

Under Choice Based Credit & Grading System

UNDER THE FACULTY OF SCIENCE & TECHNOLOGY.

[Effective from 2019-20 & onwards]

Faculty of Science & Technology
Structure of Final Year (Civil Engineering) w. e. f. Academic Year 2019-20

Semester I

Subject Code	Subject	Contact Hrs/ Week			Credit	Examination				
		Th	Pr	Total		Th	CT	TW	Pr/ Oral	Total
CED 401	Environmental Engineering	4	-	4	4	80	20	-		100
CED 402	Water Resources Engineering	4	-	4	4	80	20	-		100
CED 403	Design of Structures III	4	-	4	4	80	20	-		100
CED 404	Foundation Engineering	4	-	4	4	80	20	-		100
CED 441 to 444	Elective II	4	-	4	4	80	20	-		100
CED 421	Lab 1: Environmental Engineering	-	2	2	1	-	-	25	25	50
CED 422	Lab 2: Water Resources Engineering	-	2	2	1	-	-	25	25	50
CED 422	Lab 3: Elective II	-	2	2	1	-	-	25	--	25
CED 423	Lab 4: SDD II	-	4	4	2	-	-	50	50	100
CED 424	Lab 5: Seminar	-	2	2	1	-	-	50	-	50
CED 425	Lab 6: Project I	-	2	2	1	-	-	25	-	25
		20	12	32	27	400	100	200	100	800

Semester II

Subject Code	Subject	Contact Hrs/ Week			Credit	Examination				
		Th	Pr	Total		Th	CT	TW	Pr/ Oral	Total
CED 451	Structural Mechanics	4	-	4	4	80	20	-		100
CED 452	Construction Management	4	-	4	4	80	20	-		100
CED 453	Transportation Engineering	4	-	4	4	80	20	-		100
CED 491 to 495	Elective III	4	-	4	4	80	20	-		100
CED 421	Lab 7: Construction Management	-	2	2	1	-	-	25	25	50
CED 422	Lab 8: Elective III	-	2	2	1	-	-	25	-	25
CED 423	Lab 9: Environment Impact Assessment	-	2	2	1	-	-	25	-	25
CED 424	Lab 10: Project II	-	6	6	6	-	-	100	100	200
		16	12	28	25	320	80	175	125	700

Elective II:

1. Prestressed Concrete
2. Plumbing Engineering
3. Ground Water Engineering
4. Open Elective

Elective III:

1. Advanced Structure
2. Pavement Design
3. Structural Dynamics & Earthquake Engineering
4. Industrial Waste Treatment
5. Surface and Ground Water Hydrology