Jabalpur Engineering College, Jabalpur

(Declared Autonomous by MP Govt., Affiliated to RGPV, Bhopal)
(AICTE Model Curriculum Based Scheme)
Bachelor of Technology (B.Tech.) III Semester [PTDC] (Civil Engineering)

w.e.f. July 2019

S.No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours Per Week			Total Credits
				Theory			Practical						
				End. Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem.	Lab Work		L	T	P	
1	MA311	BSC	Mathematics-III	70	20	10	-	-	100	3	1	-	4
2	CE402	PCC	Transportation Engineering	70	20	10	30	20	150	3	1	2	5
3	CE403	PCC	Geotechnical Engineering-I	70	20	10	30	20	150	3	1	2	5
4	CE401	PEC	Professional Elective Course-I	70	20	10	-	-	100	3	1	-	4
5	CE307	MC	Industrial Training Evaluation	-	-	-	60	40	100	-	-	4	2
			Total	**280**	**80**	**40**	**120**	**80**	**600**	**12**	**4**	**8**	**20**
7	CE508	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	-	-	-	-	-	-	-	-	-	8
Additional Course for Honours or Minor Specialization				Permitted to opt for maximum two additional MOOC courses for the award of Honours (Minor Specialization).									

Note: Departmental BOS will decide list of three optional subjects those are available in MOOC as well for PEC.

S.No.	Code	Professional Elective Course-I
1	CE401A	Material Science
2	CE401B	Elements of Environmental Engineering
3	CE401C	Water Resource Conservation

1 hour lecture (L) = 1 credit

1 hour Tutorial (T) = 1 credit

2 hour Practical (P) = 1 credit

BSC: Basic Science Course, PCC: Professional Core Course, PEC: Professional Elective Course, HSMS: Humanities Science, Management Course, MC: Mandatory Course, PI: Project and Internship, DLC: Distance Learning Course

Controller (Exam)
Jabalpur Engineering College
Jabalpur - 482 011 (M.P.)

Principal
Jabalpur Engineering College
Jabalpur - 482 011 (M.P.)

Jabalpur Engineering College, Jabalpur

(Declared Autonomous by MP Govt., Affiliated to RGPV, Bhopal)
(AICTE Model Curriculum Based Scheme)
Bachelor of Technology (B.Tech.) III Semester [PTDC] (Mechanical Engineering)

w.e.f. July 2019

S.No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours Per Week			Total Credits
				Theory			Practical						
				End. Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem.	Lab Work		L	T	P	
1	MA311	BSC	Mathematics-III	70	20	10	-	-	100	3	1	-	4
2	ME304	PCC	Manufacturing Process	70	20	10	30	20	150	3	1	2	5
3	ME505	PCC	Dynamics of Machine	70	20	10	30	20	150	3	1	2	5
4	ME405	PEC	Professional Elective Course-I	70	20	10	-	-	100	3	1	-	4
5	ME307	MC	Industrial Training Evaluation	-	-	-	60	40	100	-	-	4	2
			Total	**280**	**80**	**40**	**120**	**80**	**600**	**12**	**4**	**8**	**20**
7	ME508	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	-	-	-	-	-	-	-	-	-	8
Additional Course for Honours or Minor Specialization				Permitted to opt for maximum two additional MOOC courses for the award of Honours (Minor Specialization).									

Note: Departmental BOS will decide list of three optional subjects those are available in MOOC as well for PEC.

S.No.	Code	Professional Elective Course-I
1	ME405A	Energy Conversion Systems
2	ME405B	Concepts in Engineering Design
3	ME405C	System Engineering

1 hour lecture (L) = 1 credit	1 hour Tutorial (T) = 1 credit	2 hour Practical (P) = 1 credit

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Controller (Exam.)
Jabalpur Engineering College
Jabalpur - 482 011 (M.P.)

Principal
Jabalpur Engineering College
Jabalpur - 482 011 (M.P.)

Jabalpur Engineering College, Jabalpur

(Declared Autonomous by MP Govt., Affiliated to RGPV, Bhopal)
(AICTE Model Curriculum Based Scheme)
Bachelor of Technology (B.Tech.) III Semester [PTDC] (Electrical Engineering)

w.e.f. July 2019

S.No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours Per Week			Total Credits
				Theory			Practical						
				End. Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem.	Lab Work		L	T	P	
1	MA311	BSC	Mathematics-III	70	20	10	-	-	100	3	1	-	4
2	EE403A	PCC	Power System-I	70	20	10	30	20	150	3	1	2	5
3	EE404	PCC	Electrical & Electronic Instrumentation	70	20	10	30	20	150	3	1	2	5
4	EE601	PEC	Professional Elective Course-I	70	20	10	-	-	100	3	1	-	4
5	EE307	MC	Industrial Training Evaluation	-	-	-	60	40	100	-	-	4	2
			Total	**280**	**80**	**40**	**120**	**80**	**600**	**12**	**4**	**8**	**20**
7	EE508	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	-	-	-	-	-	-	-	-	-	8
Additional Course for Honours or Minor Specialization				Permitted to opt for maximum two additional MOOC courses for the award of Honours (Minor Specialization).									

Note: Departmental BOS will decide list of three optional subjects those are available in MOOC as well for PEC.

S.No.	Code	Professional Elective Course-I
1	EE601A	Computer Aided Design of Electrical Machines
2	EE601B	Signal & System
3	EE601C	Power Plant Engineering

1 hour lecture (L) = 1 credit

1 hour Tutorial (T) = 1 credit

2 hour Practical (P) = 1 credit

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Controller (Exam.)
Jabalpur Engineering College
Jabalpur - 482 011 (M.P.)

Principal
Jabalpur Engineering College
Jabalpur - 482 011 (M.P.)

Jabalpur Engineering College, Jabalpur

(Declared Autonomous by MP Govt., Affiliated to RGPV, Bhopal)
(AICTE Model Curriculum Based Scheme)
Bachelor of Technology (B.Tech.) III Semester [PTDC] (Electronics & Telecommunication Engineering)

w.e.f. July ~~2019~~ 2022

S.No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours Per Week			Total Credits
				Theory			Practical						
				End. Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem.	Lab Work		L	T	P	
1	MA321	BSC	Mathematics-III	70	20	10	-	-	100	3	1	-	4
2	EC403	PCC	Digital Circuits and Systems	70	20	10	30	20	150	3	1	2	5
3	EC404	PCC	Analog Communication	70	20	10	30	20	150	3	1	2	5
4	EC405	PEC	Mobile Communication	70	20	10			100	3	1		4
5	BT307	DLC/PI	Seminar	-	-	-	60	40	100	-	-	4	2
			Total	**280**	**80**	**40**	**120**	**80**	**600**	**12**	**4**	**8**	**20**
6	EC508	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	-	-	-	-	-	-	-	-	-	4
dditional Course for Honours or Minor Specialization				Permitted to opt for maximum two additional MOOC courses for the award of Honours (Minor Specialization).									

ote: Departmental BOS will decide list of three optional subjects those are available in MOOC as well for PEC.

1 hour lecture (L) = 1 credit	1 hour Tutorial (T) = 1 credit	2 hour Practical (P) = 1 credit

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Electronics & Telecom. Dept. Jabalpur Engineering College Jabalpur (M.P.)