Jabalpur Engineering College, Jabalpur

(Declared Autonomous by MP Govt., Affiliated to RGPV, Bhopal)
(AICTE Model Curriculum Based Scheme)
Bachelor of Technology (B.Tech.) II 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	BT202	BSC	Mathematics-II	70	20	10	-	-	100	3	1	-	4
2	CE303	PCC	Strength of Materials	70	20	10	30	20	150	3	-	2	4
3	CE405	PCC	Advance Surveying	70	20	10	30	20	150	3	-	2	4
4	CE601	PEC	Concrete Technology	70	20	10	-	-	100	3	1	2	5
5	CE406	ESC	Software Lab-II	-	-	-	60	40	100	-	-	2	1
6	CE407	MC	Industrial Training	Minimum Four Weeks Duration. Evaluation will be done in 3rd semester									
			Total	**280**	**80**	**40**	**120**	**80**	**600**	**12**	**2**	**8**	**18**
7	CE408	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	-	-	-	-	-	-	-	-	-	4
NSS/NCC/Swachhata Abhiyan/Rural Outreach				Qualifier									
Additional Course for Honours or Minor Specialization				Permitted to opt for maximum two additional MOOC courses for the award of Honours (Minor Specialization).									

Note:1 Departmental BOS will decide list of three optional subjects those are available in MOOC as well for PEC.

2 Industrial training should be apart from laboratory work undertaken in the college rather it should have industrial orientation and practical aspects/field work. Report to be submitted at the beginning of II semester and students have to give a presentation in the departement. Evaluation will be done in III semester.

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

Program Elective Course: Department will assign two elective courses and PEC courses.

DEAN
Academic
JEC, Jabalpur (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.) II 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	BT202	BSC	Mathematics-II	70	20	10	-	-	100	3	1	-	4
2	ME403	PCC	Machine Drawing and CAD	70	20	10	30	20	150	3	-	2	4
3	ME404	PCC	Theory of Machines & Mechanisms	70	20	10	30	20	150	3	-	2	4
4	ME302	PEC	Material Science	70	20	10	-	-	100	3	1	2	5
5	ME406	ESC	Software Lab-II	-	-	-	60	40	100	-	-	2	1
6	BT307	MC	Industrial Training	Minimum Four Weeks Duration. Evaluation will be done in 3rd semester									
			Total	**280**	**80**	**40**	**120**	**80**	**600**	**12**	**2**	**8**	**18**
7	ME308	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	-	-	-	-	-	-	-	-	-	4
NSS/NCC/Swachhata Abhiyan/Rural Outreach				Qualifier									
Additional Course for Honours or Minor Specialization				Permitted to opt for maximum two additional MOOC courses for the award of Honours (Minor Specialization).									

Note: 1 Departmental BOS will decide list of three optional subjects those are available in MOOC as well for PEC.

2 Industrial training should be apart from laboratory work undertaken in the college rather it should have industrial orientation and practical aspects/field work. Report to be submitted at the beginning of II semester and students have to give a presentation in the departement. Evaluation will be done in III semester.

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

Program Elective Course: Department will assign two elective courses and PEC courses.

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Jabalpur Engineering College, Jabalpur

(Declared Autonomous by MP Govt., Affiliated to RGPV, Bhopal)
(AICTE Model Curriculum Based Scheme)
Bachelor of Technology (B.Tech.) II 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	BT202	BSC	Mathematics-II	70	20	10	-	-	100	3	1	-	4
2	EE305	PCC	Electrical Measurement & Measuring Instruments	70	20	10	30	20	150	3	-	2	4
3	EE402	PCC	Electrical Machines-I	70	20	10	30	20	150	3	-	2	4
4	EE405	PEC	Electromagnetic Theory	70	20	10	-	-	100	3	1	2	5
5	EE406	ESC	Software Lab-II	-	-	-	60	40	100	-	-	2	1
6	BT307	MC	Industrial Training	Minimum Four Weeks Duration. Evaluation will be done in 3rd semester									
			Total	280	80	40	120	80	600	12	2	8	18
7	EE308	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	-	-	-	-	-	-	-	-	-	4
NSS/NCC/Swachhata Abhiyan/Rural Outreach				Qualifier									
Additional Course for Honours or Minor Specialization				Permitted to opt for maximum two additional MOOC courses for the award of Honours (Minor Specialization).									

Note: 1 Departmental BOS will decide list of three optional subjects those are available in MOOC as well for PEC.

2 Industrial training should be apart from laboratory work undertaken in the college rather it should have industrial orientation and practical aspects/field work. Report to be submitted at the beginning of II semester and students have to give a presentation in the departement. Evaluation will be done in III semester.

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Program Elective Course: Department will assign two elective courses and PEC courses.

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Jabalpur Engineering College, Jabalpur

(Declared Autonomous by MP Govt., Affiliated to RGPV, Bhopal)

(AICTE Model Curriculum Based Scheme)

Bachelor of Technology (B.Tech.) II Semester [PTDC] (Electronics and Telecommunication Engineering)

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

.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	BT202	BSC	Mathematics-II	70	20	10	-	-	100	3	1	-	4
2	EC303	PCC	Signals & Systems	70	20	10	30	20	150	3	1	2	5
3	EC401	PCC	Electromagnetic Theory	70	20	10			100	3	1		4
4	EC402	PCC	Linear Integrated Circuits	70	20	10	30	20	150	3	1	2	5
5	EC406	ESC	Software Lab-II	-	-	-	60	40	100	-	-	4	2
			Total	**280**	**80**	**40**	**120**	**80**	**600**	**12**	**4**	**8**	**20**
6	EC408	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	-	-	-	-	-	-	-	-	-	4
SS/NCC/Swachhata Abhiyan/Rural Outreach				Qualifier									
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.

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Electronics & Telecom. Deptt.
Jabalpur Engineering College
JABALPUR (M. P.)