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

	/				Maximi	ım Marks	Allotted			Contact			
	Subject Code			Theory Pract				tical	Total				Total
S.No.		Category Code	Subject Name	End. Sem.	Mid Sem. Exam.	Quiz/ Assignme nt	End Sem.	Lab Work	Marks	L	T	P	Credits
	MA311	BSC	Mathematics-III	70	20	10			100	3		***	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	46	*	100	3	1	~	4
	CE307	MC	Industrial Training Evaluation	**	-	······································	60	40	100	*	*	4	2
5	LCESU	Livic	Total	280	80	40	120	80	600	12	4	8	20
										-			8
7	CE508	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	*	*	-	w.		*	.	*	*	
Addit					to opt for i	naximum t	wo addition	al MOOC o	courses for t	he award o	f Honours (Minor Spe	cialization)

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-
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

pur Engineering College Balpur - 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

W.C.I. July 2017													
					Maxim	um Marks	Allotted			Contact Hours Per Week			
	Subject (Category	9	Theory			Practical		Total				Total
S.No.		Code	Subject Name	End. Sem.	Mid Sem. Exam.	Quiz/ Assignme nt	End Sem.	Lab Work	Marks	L	Т	P	Credits
1 🗸	MA311	BSC	Mathematics-III	70	20	10	*	**	100	3	1	, mar	4
2 🔾	- ME304	PCC	Manufacturing Process	70	20	10	30	20	150	3	l	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	~	40	100	3	ı	*	4
5 .	ME307	МС	Industrial Training Evaluation	28.	*		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)	904	ser	**	**	~	*	**	**	*	8
Additio	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-l
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.) Ma 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)

	Subject	Category			Maxim	um Marks	T	w.e.f. July 2019 Contact Hours Per We			r Week	eek	
S.No.	Code	Code	Subject Name		Theory		Prac	tical	T-4-1		T		Total Credits
		Code	joot Madie	End. Sem.	Mid Sem. Exam.	Quiz/ Assignme nt	End Sem.	Lab Work	Total Marks	L	Т	P	
	MA311	BSC	Mathematics-III	70	20	10	-	24	100	3	1		
2	EE403A	PCC	Power System-1	70	20	10	30	20	150	3		*	4
3	EE404		Electrical & Electronic Instrumentation	70	20	10	30	20		-	.1	2	5
4	EE601		Professional Elective Course-I	70	20	10		20	150	3	<u> </u>	2	5 .
5	EE307	МС	Industrial Training Evaluation		20	10	****		100	3	1	•	4
				-	-	-	60	40	100	•	-	4	2
			Total	280	80	40	120	80	600	12	4	8	40
7	EE508	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	*	-	_	-				7	0	20
		for Honou	- 15°	Permitted	to opt for m	aximum two	additional	MOOC ec	ourses for the	award of	Honoure (A	Ainar Cana	8

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-l
1	EE601A	
2	EE601B	Signal & System
3	EE601C	Power Plant Engineering

I 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

1D Controller (Exam.) Mesipur Engineering College Jabalpur - 482 011 (M.P.)

Jabalpur Ingineering 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 2025 # 1

		I						w.e.f. July 2019 2022					
					Maxim		Contact Hours Per Week						
) 400	Subject	Category			Theory	_	Prac	Practical					Takal
	Code	Code	Subject Name	End. Sem.	Mid Sem. Exam.	Quiz/ Assignme nt	End Sem.	Lab Work	Total Marks	L	Т	P	Total Credits
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		Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	-	· <u>-</u>	-	-	-	-	-		-	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

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