## 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

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				······································	Maxim	um Marks	Allotted	******************************		Contact Hours Per Week			
	Subject	Category		***************************************	Theory	an against the state against the second	Prac	tical	Total				Total
S.No.	Code	Code	Subject Name	End. Sem.	Mid Sem. Exam.	Quiz/ Assignme nt	End Sem.	Lab Work	Marks	L.		P	Credits
Year	BT20 <b>2</b>	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
.1	CE601	PEC	Concrete Technology	70	20	10	*	producer	100	3	l	3	5
5	CE406	ESC	Software Lab-II	-	~		60	40	100	ter autour 1600 (C)	*	2,	
6	CE407	MC	Industrial Training	Minimum	Four Week	s Duration.	Evaluation	will be dor	ie in 3rd ser	nester	Angrous Astronomore en		Angle can come away on a re-cond-come
			Tota	280	80	40	120	80	600	12	2	8	18
7	CE408	131.0	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	***************************************		94	*	**************************************	*	age	90	*	4
NSS/N	CC/Swac	:hhata Abh	iyan/Rural Outreach	Qualifier	1				e <del>dan egan</del> er	manananan ar Angang mananahilikkan di serikan sebigi sebilah	an.	oren en e	
Additic	onal Cour	se for Hono	ours or Minor Specialization	Permitted	to opt for m	aximum tw	o additiona	I MOOC co	ourses for th	e award of	Honours (	Minor Spe	cialization).

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.

I hour lecture (L) = I credit

I hour Tutorial (T) = I credit

2 hour Practical (P) = 1 credit

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

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

Academic Jabalpu (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

	***************************************				Maxim	<u> </u>	Contact Hours Per Week			······································			
0.41	Subject Code	Category Code	Subject Name	Theory			Practical		1	//////////////////////////////////////	1		
S.No.				End. Sem.	Mid Sem. Exam.	Quiz/ Assignme nt	End Sem.	Lab Work	Total Marks	l.	T	P	Total Credits
1 -	BT202	BSC	Mathematics-II	70	20	10	~~	<del>an an de de la composition della composition de</del>	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	₩E302	PEC	Material Science	70	20	10	***************************************	**************************************	100	3	1	2	5
5	ME406	ESC	Software Lab-II	**	*		60	40	100		**************************************	1(2)	Î
6	ВТ307	MC	Industrial Training	Minimum	Four Weeks	Duration,	Evaluation :	will be don	e in 3rd sem	ıester	*** **********************************		and the second s
	-		Total	280	80	40	120	80	600	12	2	8	18
7	ME308		Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	Notes the second se	***************************************	**************************************	and definition desired in the community of the community	***************************************	*			**	4
SS/NCC/Swachhata Abhiyan/Rural Outreach				Qualifier	to the control of the	<del>and and the second second</del>	netern concentration division decreasing on money decreasing of the second		***************************************				
Additional Course for Honours or Minor Specialization				Permitted	to opt for m	aximum two	additional	MOOC co	ourses for the	e award of	Honours (	Minor Spec	ialization)

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I 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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Frincipa: Jabalpur Engineering Colley Jabalpur - 482 011 (M.P.)

JEC, Jabalpur (M.F

## 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)

	Subject Code	Category Code	Subject Name	***************************************		um Marks		Contact Hours Per Week			T		
S.No.				End. Sem.	Mid Sem.	Quiz/ Assignme	Prac End Sem.	lical Lab Work	Total Marks	L.	T.	P	Total Credits
l	BT202	BSC	Mathematics-11	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	1 4
4	EE405	PEC	Electromagnetic Theory	70	20	10	~	*	100	<u> </u>	1	3	5
5	EE406	ESC	Software Lab-()	-	*	*	60	40	100	\$*************************************		2	ł
6	BT307	MC	Industrial Training	Minimun	n Four Week	5 Duration.	Evaluation	will be do	le in 3rd sen	nester		and the state of t	1
			Total	1 280	80	40	120	80	600	12	2	8	18
7	EE308	DLC	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)	***************************************	*		*	***************************************		***************************************	*	*	4
NSSA	NCC/Swa	chhata Abh	niyan/Rural Outreach	Qualifier	**************************************	and the second s	***************************************	***************************************		kinneringapa papangan			
Additi	ional Cou	rse for Hor	nours or Minor Specialization	Permine	d to opt for n	naximum ty	enoitibba ov	I МООС с	ourses for th	e award o	Honours (	Minor Spec	ialization

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Jabaipur Englesering Colleg Jabalpur - 482 011 (M.P.)

## Jabalpur Ergineering College, Cabalpur

(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)

Subject		Subject Name		Maxim		Contac	et Hours P	er Week	T			
oubject	Category Code		Theory			Practical		]				1
Code			End. Sem.	Mid Sem. Exam.	Quiz/ Assignme nt	End Sem.	Lab Work	Total Marks	L	Т	P	Total Credits
BT202	BSC	Mathematics-II	70	20	10	-	-	100	3	1	-	4
EC303	PCC	Signals & Systems	70	20	10	30	20	150	3	1	2	5
EC401	PCC	Electromagnetic Theory	70	20	10			100	3	1		4
EC402	PCC	Linear Integrated Circuits	70	20	10	30	20	150	3	1	2	5
EC406	ESC	Software Lab-II	-	-	-	60	40	100	-	-	4	2
			280	80	40	120	80	600	12	4	8	20
EC408			-	-	-	-	-	-	-	-	-	4
C/Swacl	nhata Abhi	yan/Rural Outreach	Qualifier	15	<u>.</u>	8						
EEE	EC303 EC401 EC402 EC406 CC408	EC303 PCC EC401 PCC EC402 PCC EC406 ESC  CC408 DLC EC/Swachhata Abhi	SC303 PCC Signals & Systems  CC401 PCC Electromagnetic Theory  EC402 PCC Linear Integrated Circuits  CC406 ESC Software Lab-II  CC408 DLC Self-Learning Presentation (SWAYAM/NPTEL/MOOC)  C/Swachhata Abhiyan/Rural Outreach	BSC Mathematics-II 70  CC303 PCC Signals & Systems 70  CC401 PCC Electromagnetic Theory 70  CC402 PCC Linear Integrated Circuits 70  CC406 ESC Software Lab-II -  Total 280  CC408 DLC Self-Learning Presentation (SWAYAM/NPTEL/MOOC)  C/Swachhata Abhiyan/Rural Outreach Qualifier	BSC   Mathematics-II   70   20	Sem.   Exam.   nt	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)   Self-Learning Presentation (SWAYAM/NPTEL/MOOC)   Self-Learning Presentation (SWAYAM/NPTEL/MOOC)   Column   Column	Seff.   Exam.   nt	Sell   Exam.   nt   Work	Self-Learning Presentation (SWAYAM/NPTEL/MOOC)   Self-Learning Presentation (SWAYAM/NPTEL/MOOC)   Self-Learning Presentation (SWAYAM/NPTEL/MOOC)   Columnia   Colum	Seminary   Seminary	Sell   Exam   nt

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

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