

#### Samrat Ashok Technological Institute (Engineering. College) VIDISHA (M.P.) (An Autonomous Institute Affiliated to RGPV, Bhopal) Scheme of Examination

# B. Tech -For batch admitted in July 2018

**Electronics And Communication** 

## IV Semester

- I				Maximum Marks Allotted							Contact Hrs.		
S. No.		ĺ		Theory Slot			Practical Slot						Credits
ΝΟ.	Subject	Category	Subject Name & Title	End Sem	Mid	Quiz,	End	Term work	Total	L	Т	Р	
	Code		J		Sem.	Assignment	Sem.	Lab Work &	Marks				
					Exam	_	İ	Sessional		,,,,			
1	EC1841	DC	Electromagnetic Theory	70	20	10	-	-	100	3	1		4
2	EC 1842	DC	Analog and Digital Communication	70	20	10	30	20	150	3	-	2	4
2	EC 1842	DC	Analog Circuits	70	20	10	30	20	150	3	-	2	4
3	EC 1843	DC	VLSI Circuit Design	70	20	10	30	20	150	3	-	2	4
4		BSC	Engineering Mathematics-III	70	20	10	-	-	100	3	-		3
5	EC 1845		Simulation Lab I	_	-	-	60	40	50	_	-	2	1
6	EC 1846	DLC	90 hrs Internship based on using	To be completed anytime during Fourth semester. Its evaluation/ credit									-
7	EC 1847	DLC	various software's - Internship – II	to be added in fifth semester.									
				350	100	50	150	100	750	15	1	8	20
			Total		100	-	-		-	<b>†</b> -	-	-	-
8		MC	Traditional Knowledge			_			-	-		-	-
11		SL	MOOCs	-							+-		
9		NLC	Participation & Winning in National level competition	-	-	_					_		

MST: Minimum two mid semester tests to be conducted during Semester

• Simulation Lab I: MATLAB

L: Lecture

T: Tutorial

P: Practical



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Subject	Category	Subject Name & Title	End Sem	Mid	Quiz,	End	Term work	Total	L	T	P	
Code	~ <del>~</del>			Sem.	Assignment	Sem.	Lab Work &	Marks				
				Exam			Sessional					4
EC18/11	DC	Electromagnetic Theory	70	20	10	-	-			1		4
			70	20	10	30				-		4
			70	20	10	30				-		4
			70	20	10	30	20			-	2	4
			70	20	10	_	-	100	3	-		3
			_	-	-	60	40	50		-	2	1
			To be completed anytime during Fourth semester. Its evaluation/ credit									
EC 1847	DLC		to be added in fifth semester.									
			250	100	50	150	100	750	15	1	8	20
			350	<u> </u>		<del> </del>		_	-	<del>  -</del>	_	-
	MC	Traditional Knowledge	-				<u> </u>		-	-	-	
	SL	MOOCs	-	-	-				<del> </del>	+-	}	
	NLC	Participation & Winning in National level competition	-	-	-	-						
	, i	Code Category  EC1841 DC  EC 1842 DC  EC 1843 DC  EC 1844 DC  EC 1845 BSC  EC 1846 DLC  EC 1847 DLC  MC  SL	Code  EC 1841 DC Electromagnetic Theory  EC 1842 DC Analog and Digital Communication  EC 1843 DC Analog Circuits  EC 1844 DC VLSI Circuit Design  EC 1845 BSC Engineering Mathematics-III  EC 1846 DLC Simulation Lab I  EC 1847 DLC 90 hrs Internship based on using various software's - Internship – II  MC Traditional Knowledge  SL MOOCs  NLC Participation & Winning in National	Code  Category  Subject Name & Tite  End Sem  End Sem  End Sem  End Sem  To a sem  End Sem  To a sem  End Sem  To a sem  To a sem  End Sem  To a s	Subject Code         Category         Subject Name & Title         End Sem         Mid Sem. Exam           EC1841         DC         Electromagnetic Theory         70         20           EC 1842         DC         Analog and Digital Communication         70         20           EC 1843         DC         Analog Circuits         70         20           EC 1844         DC         VLSI Circuit Design         70         20           EC 1845         BSC         Engineering Mathematics-III         70         20           EC 1846         DLC         Simulation Lab I         -         -         -           EC 1847         DLC         90 hrs Internship based on using various software's - Internship – II         To be completed any to be added in fifth set of the properties of	Subject Code	Subject Code	Subject Code	Subject Code	Subject Category   Subject Name & Title   End Sem	Subject Code   Category   Subject Name & Title   End Sem   Mid   Quiz, Sem.   Assignment   Sem.   Lab Work & Sessional   Lab Work & Sessional	Subject Category   Subject Name & Title   End Sem   Mid   Sem.   Exam   Sem.   Lab Work & Sessional   Lab W

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