

Rajiv Gandhi Proudyogiki Vishwavidyalaya, Bhopal

New Scheme of Examination as per AICTE Flexible Curricula

III Semester

Bachelor of Technology (B.Tech.) [Electronics & Communication Engineering]

For batches admitted in July, 17 & July, 18 (w.e.f. July, 2018)

S.No.	Subject Code	Category	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
				Theory			Practical			L	T	P	
				End Sem.	Mid Sem. Exam.	Quiz/ Assignment	End Sem	Term work Lab Work & Sessional					
1.	BT301	BSC-5	Mathematics-III	70	20	10	-	-	100	3	1	-	4
2.	EC302	DC-1	Electronic Measurement & Instrumentation	70	20	10	-	-	100	3	1	-	4
3.	EC303	DC-2	Digital System Design	70	20	10	30	20	150	3	-	2	4
4.	EC304	DC-3	Electronic Devices	70	20	10	30	20	150	3	-	2	4
5.	EC305	DC-4	Network Analysis	70	20	10	30	20	150	3	-	2	4
6.	EC306	DLC-3	EMI Lab	-	-	-	30	20	50	-	-	4	2
7.	BT107	DLC-1	Evaluation of Internship-I completed at I year level	-	-	-	-	50	50			4	2
8.	BT307	DLC-4	90 hrs Internship based on using various software's –Internship -II	To be completed anytime during Third/ fourth semester. Its evaluation/credit to be added in fifth semester.									
			Total	350	100	50	120	130	750	15	2	14	24
			NSS/NCC										

1 Hr Lecture	1 Hr Tutorial	2 Hr Practical
1 Credit	1 Credit	1 Credit

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Semester V

Credit Based Grading System (CBGS) w.e.f. July 2017

Scheme of Examination

Bachelor of Engineering B.E. (Electronics and Communication Engineering)

Subject wise distribution of marks and corresponding credits

Scheme of Examination w.e.f. July-2017 Academic Session-2017-18

S. No.	Subject Code	Subject Name & Title	Maximum Marks Allotted						Hours / week.			Total Credits	Remarks	
			Theory			Practical			Total Marks	L	T			P
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment /Quiz/Term paper						
1	EC-5001	Electromagnetic Field Theory	70	20	10	-	-	-	100	3	1	-	4	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	EC-5002	Digital Communication	70	20	10	30	10	10	150	3	1	2	6	
3	EC-5003	Microprocessor and Microcontroller	70	20	10	30	10	10	150	3	1	2	6	
4	EC-5004	Communication Networks and Transmission Lines	70	20	10	30	10	10	150	3	1	2	6	
5	EC-5005	Elective-I	70	20	10	-	-	-	100	3	1	-	4	
6	EC-5006	Workshop-I	-	-	-	30	10	10	50	-	-	2	2	
7	EC-5007	Management Skill Development ** (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
8	EC-5008	Innovative Thinking** (Internal Assessment)	-	-	-	-	-	50	50	-	-	2	2	
			350	100	50	120	40	140	800	15	5	12	32	Total Marks 800

MST: Minimum of two mid semester tests to be conducted.

** OR any other subject as suggested by the respective BOS

Workshop- Fabrication of circuits on ICs with P-Spice/Circuit Maker

L: Lecture T: Tutorial P: Practical

Department Elective-I (Four Subjects)	
S. No.	Subject Name
1	Computer System Organization
2	Bio Medical Instrumentation
3	Industrial Electronics
4	System Programming

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Semester VII

Credit Based Grading System (CBGS) w.e.f. July 2018

Scheme of Examination

Bachelor of Engineering B.E. (Electronics and Communication Engineering)

Subject wise distribution of marks and corresponding credits

Scheme of Examination w.e.f. July-2018 Academic Session-2018-19

S. No.	Subject Code	Subject Name & Title	Maximum Marks Allotted							Hours / week.			Total Credits	Remarks
			Theory			Practical			Total Marks	L	T	P		
			End Sem	Mid Sem. MST	Quiz, Assignment	End Sem.	Lab Work	Assignment /Quiz/Term paper						
1	EC-7001	Microwave Engineering	70	20	10	30	10	10	150	3	1	2	6	One credit refers to one hour teaching in theory, Tutorial and in practical.
2	EC-7002	Satellite Communication	70	20	10	30	10	10	150	3	1	2	6	
3	EC-7003	Optical Communication	70	20	10	30	10	10	150	3	1	2	6	
4	EC-7004	Elective-III	70	20	10	-	-	-	100	3	1	-	4	
5	EC-7005	Elective-IV	70	20	10	-	-	-	100	3	1	-	4	
6	EC-7006	Project -I	-	-		60	20	20	100	-	-	4	4	
7	EC-7007	Industrial Training (Two weeks)	-	-	-	30	10	10	50	-	-	2	2	Total Marks
			350	100	50	180	60	60	800	15	5	12	32	800

MST: Minimum of two mid semester tests to be conducted.

L: Lecture

T: Tutorial

P: Practical

Department Elective-III		Department Elective-IV
S. No.	Subject Name	Subject Name
1	Data Communication	Information Theory & Coding
2	Power Electronics	Wireless Communication
3	Digital Image Processing	Operating Systems