

**BACHELOR  
IN  
ELECTRONICS, COMMUNICATION AND INFORMATION ENGINEERING**

Year : II

Part : I

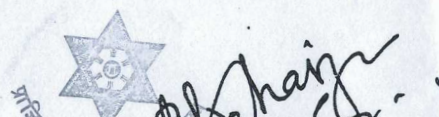
Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assesment Marks	Final			
									Duration hours	Marks		Duaration hours	Marks		
1	SH 201	Engineering Mathematics III	3	3	2	-	5	40	3	60	-	-	-	100	
2	SH 204	Communication English	3	3	-	1	4	40	3	60	25	-	-	125	
3	CT 201	Computer Graphics and Visualization	3	3	1	3	7	40	3	60	50	-	-	150	
4	EX 201	Microprocessor	3	3	1	3	7	40	3	60	50	-	-	150	
5	EX 202	Advanced Electronics	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	EE 204	Control System	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
Total			18	18	6	10	34	240	-	360	175	-	-	775	

Year : II

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Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assesment Marks	Final			
									Duration hours	Marks		Duaration hours	Marks		
1	SH 252	Probability and Statistics	3	3	1	-	4	40	3	60	-	-	-	100	
2	CT 251	Discrete Structure and Algorithm	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
3	EX 252	Instrumentation	4	4	1	1.5	6.5	40	3	60	25	-	-	125	
4	EX 253	Computer Organization & Architecture	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	EX 254	Electromagnetics	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	EX 255	Signals and Systems	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
Total			19	19	6	7.5	32.5	240	-	360	125	-	-	725	

  
प्रशिक्षक परिणदको कार्यालय  
कोल्लिपुर

  
प्रशिक्षक परिणदको कार्यालय  
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Institute of Engineering  
Office of the Dean Pulchowk



**BACHELOR  
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ELECTRONICS, COMMUNICATION AND INFORMATION ENGINEERING**

Year : III

Part : I

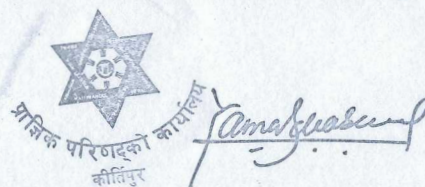
Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assesment Marks	Final			
									Duration hours	Marks		Duaration hours	Marks		
1	SH 301	Numerical Methods	3	3	1	3	7	40	3	60	50	-	-	150	
2	CT 305	Artificial Intelligence	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
3	EX 301	Filter Design	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	EX 302	Embedded Systems	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
5	EX 303	Propogation and Antennna	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
6	EX 325	Elective I	3	3	2	1	6	40	3	60	25	-	-	125	
Total			18	18	7	10	35	240	-	360	175	-	-	775	

Year : III

Part : II

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assesment Marks	Final			
									Duration hours	Marks		Duaration hours	Marks		
1	CT 355	ICT Project Management	3	3	1	-	4	40	3	60	-	-	-	100	
2	CE 356	Engineering Economics	3	3	1	-	4	40	3	60	-	-	-	100	
3	EX 351	Communication Systems	4	4	1	3	8	40	3	60	50	-	-	150	
4	EX 352	Telecommunication and Computer Networks	3	3	1	3	7	40	3	60	50	-	-	150	
5	EX 353	Minor Project	1	-	-	-	-	-	-	-	50	-	-	50	
6	EX 385	Elective II	3	3	2	1	6	40	3	60	25	-	-	125	
Total			17	16	6	7	29	200	-	300	175	-	-	675	

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**BACHELOR  
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Year : IV

Part : I

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assesment Marks	Final			
									Duration hours	Marks		Duuration hours	Marks		
1	EX 411	RF and Microwave Engineering	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
2	EX 412	Robotics	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
3	EX 413	Digital Signal Processing	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
4	EX 435	Elective III	3	3	2	1	6	40	3	60	25	-	-	125	
5	EX 414	Project I	2	-	-	-	-	-	-	-	50	-	-	50	
6	EX 415	Wireless Communication	3	3	1	1.5	5.5	40	3	60	25	-	-	125	
Total			17	15	1	1.5	28	40	-	60	75	-	-	675	

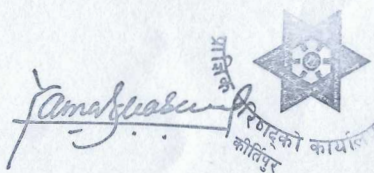
Year : IV

Part : II

Teaching Schedule								Examination Scheme						Total	Remark
S. N.	Course Code	Course Title	Credits	L	T	P	Total	Theory			Practical				
								Assessment Marks	Final		Assesment Marks	Final			
									Duration hours	Marks		Duuration hours	Marks		
1	EX 463	Energy, Environment and Social Engineering	3	3	-	-	3	40	3	60	-	-	-	100	
2	EX 462	Internship**	4	-	-	-	-	-	-	-	100	-	50	150	
3	EX 465	Elective IV	3	3	2	1	6	40	3	60	25	-	-	125	
4	EX 461	Project II	4	-	-	-	-	-	-	-	100	-	50	150	
Total			14	6	4	4	9	160	-	240	375	-	100	525	

\*\*8- weeks internship

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