

SCHOOL OF ENGINEERING

List of Courses V Semester (Monsoon semester, 2020)

Semester - V Dual Degree Programme in Computer Science and Engineering (CSE)

	Course No.	Course title	L-T-P	Credits	Category
1.	EN501	Operating Systems	3-0-2	4	BC
2.	EN502	Machine Learning	3-0-2	4	BC
3.	EN503	Bachelor Elective-I (i)-- Computer Graphics	3-0-2	4	BE
4.	EN504	Bachelor Elective-I (ii) -- Cloud Computing	3-0-2	4	BE
5.	EN505	Technical Writing	2-0-0	2	HS
6.	EN506	Open Elective-I -- Digital Image Processing	3-0-0	3	OE
7.	EN507	Open Elective-II -- Object Oriented Programming	3-0-0	3	OE
8.		Optional Course-III (List of Optional Course is given separately)			O - Optional
			Total (20)	HS-2, BC-8, BE-4,OE-6	

***L = Lecture , *T = Tutorial , *P = Practical**

**BC -- Bachelor Core, BE -- Bachelor Elective, HS -- Humanities and Social Sciences,
OE – Open Elective, O - Optional**

Semester - V Dual Degree Programme in Electronics and Communication Engineering (ECE)

Sl. No.	Course No.	Course title	L-T-P	Credits	Category
1.	EN508	Digital Communication	4-0-0	4	BC
2.	EN509	Electromagnetic Theory	4-0-0	4	BC
3.	EN510	Bachelor Elective-I -- Control Systems	4-0-0	4	BE
4.	EN511	Technical Writing	2-0-0	2	HS
5.	EN512	Open Elective-I -- Digital Signal Processing	3-0-0	3	OE
6.	EN513	Open Elective-II -- Microprocessors	3-0-0	3	OE
7.		Optional Course-III (List of Optional Course is given separately)			O - Optional
			Total (20)	HS-2, BC-8, BE-4,OE-6	

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OE – Open Elective, O - Optional**

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Revised List of Optional Courses (V Semester)

Course Number	Title of Optional Course	L-T-P	Credits	Remarks
Bridge courses for MS in Economics -- School of Engineering (SE)				
EN551	Intermediate Microeconomics		4	
EN552	Intermediate Macroeconomics		4	
Bridge course for MS in Computational Finance, Computational Biology and Computational Linguistics -- School of Engineering (SE)				
EN553	Minor Project		3	
Bridge courses for MS in International Relations – School of Engineering (SE)				
EN554	Basics and Theories of International Relations		3	
EN555	India and Korean Peninsula		3	
Bridge courses for MS in Management Studies -- Atal Bihari Vajpayee School of Management and Entrepreneurship (ABVSME)				
MB 13302	Business communication		2	
MB 13301	Management Process and Organizational Behaviour		3	
Bridge courses for MS in Korean Studies – Centre for Korean Studies, School of Language, Literature and Culture Studies (CKS/SLL&CS)				
KR 101	Oral Expression - I		2	
KR 103	Hangeul		2	
KR 106	Geography & Culture of Korea		2	
Bridge course for MS in Computational Linguistics -- School of Sanskrit and Indic Studies (SS&IS)				
SK404	Introduction to Computational Linguistics		4	