COURSE STRUCTURE FOR LATERAL ENTRY CANDIDATES - R22

II Year I Semester

Sl. No.	Course Title	L	T	P	C	Course category
1.	Maths related course (P&S, PTSP……….)	3	-	2	4	Basic Sciences
2.	Environmental Studies	1	-	-	1	Basic Sciences
3.	Programming in C	2	-	4	4	Basic Engineering
4.	Management Science / Principles of Management	2	-	2	3	Humanities
5.	Professional core – 2	3		2	4	Professional core
6.	Professional core – 3	3		2	4	Professional core
7.	Professional core – 4	2		2	3	Professional core
	NCC/ NSS/ SAC/ E-cell/ Student Mentoring/ Social activities/ Publication with good impact factor (Only 2 students can claim 1 paper /patent). These credits maybe earned on or before the end of IV semester				1	Floating credits Binary grade
	Total		**32**		**24**	

II Year II Semester

Sl. No.	Course Title	L	T	P	C	Course category
1.	Soft Skills Laboratory	-	-	2	1	Humanities
2.	Professional core – 5	3		2	4	Professional core
3.	Professional core – 6	3		2	4	Professional core
4.	Professional core – 7	2		2	3	Professional core
5.	Department Elective – 1	2		2	3	Department Elective
6.	Open Elective – 1 (English Proficiency & Communication Skills (PET) & Technical English Communication)	2		2	3	Open Elective
7.	Orientation Session	-	-	6	3	Binary grade
8.	**Minor / Honour**	2		4	**4**	
	Total		**33**		**25**	

III Year I Semester

Sl. No.	Course Title	L	T	P	C	Course category
1.	Professional Communication (BEC Certification)	-	-	2	1	Humanities
2.	Professional core – 8	3		2	4	Professional core
3.	Professional core – 9	3		2	4	Professional core
4.	Professional core – 10	3		2	4	Professional core
5.	Department Elective – 2	2		2	3	Department Elective
6.	Open Elective – 2	2		2	3	Open Elective
7.	Industry interface course (Modular course)	1			1	Binary Grades
8.	Inter-Departmental Project / Course	-	-	2	-	Project
	NCC/ NSS/ SAC/ E-cell/ Student Mentoring/ Social activities/ Publication with good impact factor (Only 2 students can claim 1 paper /patent). These credits maybe earned on or before the end of VI semester				1	Floating credits Binary grade
9.	**Minor / Honour**	3		2	**4**	
		17		16		
	Total		33		**25**	

III Year II Semester

Sl. No.	Course Title	L	T	P	C	Course category
1.	Quantitative aptitude & Logical reasoning	1	1	-	2	Humanities
2.	Professional core – 11	3		2	4	Professional core
3.	Professional core – 12	2		2	3	Professional core
4.	Department Elective – 3	2		2	3	Department Elective
5.	Department Elective – 4	2		2	3	Department Elective
6.	Open Elective – 3	2		2	3	Open Elective
7.	Inter-Departmental Project/Course	-	-	2	2	Project
8.	**Minor / Honour**	3		2	**4**	
			30		**24**	

IV Year I Semester

Sl. No.	Course Title	L	T	P	C	Course category
1.	Professional core – 13	3		2	4	Professional core
2.	Professional core – 14	3		2	4	Professional core
3.	Department Elective – 5	2		2	3	Department Elective
4.	Department Elective – 6	2		2	3	Department Elective
5.	Department Elective – 7	2		2	3	Department Elective
6.	Department Elective – 8	2		2	3	Department Elective
7.	**Minor / Honour**	2		4	**4**	
			31		**24**	

IV Year II Semester

Sl. No.	Course Title	L	T	P	C	Course category
1.	Internship / Project Work		2#	22	12	Project
2.	**Minor / Honour**	2		4	**4**	
	Total		32		**16**	

for interaction between Guide and students

Note: Candidates interested in IT orientation are strongly urged to opt for exclusive **IT & Computing Minor**

    i.   IT Fundamentals & IT Workshop

    ii.   Data Structures & Algorithms

    iii.   Competitive Programming & exercises in data structures

    iv.   Object Oriented Programming/ Python Programming

    v.   Web Technologies/ Data Analytics