Scheme of Evaluation

B. Tech. VI Semester (Electronics and Telecommunication Engineering) *(for batch admitted in academic session 2023-24)*

S. No.	Subject Code	Category Code	Subject Name	Maximum Marks Allotted									Total Marks	Contact Hours per week			Total Credits	Mode of Teaching	^{SS}Mode of Exam.	Duration Of Exam
				Theory Slot				Practical Slot			MOOCs									
				End Term Evaluation		Continuous Evaluation		End Sem. Exam.	Continuous Evaluation		Assignment	Exam		L	T	P				
				End Sem. Exam.	$^{\$}$Proficiency in subject /course	Mid Sem. Exam.	Quiz/ Assignment		Lab work & Sessional	Skill Based Mini Project										
1.	3200616	DC	Microcontroller Systems and Applications	50	10	20	20	40	30	30	-	-	200	3	-	2	**4**	Blended	PP	2 Hrs
2.	3200XXX	DE	Departmental Elective* (DE-1)	-	-	-	-	-	-	-	25	75	100	-	-	-	**3**	Online	MCQ	3 Hrs
3.	3900XXX	OC	Open Category (OC-1)**	50	10	20	20	-	-	-	-	-	100	3	-	-	**3**	Blended	PP	2 Hrs
4.	3200617	MC	Artificial Intelligence & Machine Learning	50	10	20	20	40	30	30	-	-	200	2	1	2	**4**	Blended	MCQ	1.5 Hrs
5.	3200618	DLC	Minor Project-II[#]	-	-	-	-	60	40	-	-	-	100	-	-	6	**3**	Offline	SO	-
6.	200XXX	CLC	Novel Engaging Course	-	-	-	-	50	-	-	-	-	50	-	-	2	**1**	Blended	SO	-
7.		NSS	Natural Sciences & Skills[##]	200	40	80	80	120	40	40	-	-	600	1	-	2	**2***	-	-	-
Total				**350**	**70**	**140**	**140**	**350**	**120**	**80**	**25**	**75**	**1350**	**12**	**1**	**14**	**20**	**-**	**-**	**-**
8.	1000007	**MAC**	Intellectual Property Rights (IPR)	50	10	20	20	-	-	-	-	-	100	2	-	-	GRADE	Online	MCQ	1.5 Hrs
Skill Enhancement Program/Research Internship/On Job Training for Four weeks duration: Evaluation in VII Semester																				
Additional Course for Honours or minor Specialization				**Permitted to opt for maximum two additional courses for the award of Honours or Minor specialization**																

Natural Sciences & Skills; Skills: Engineering Physics / Engineering Chemistry / Environmental Science/ Language
("Natural Sciences & Skills" treated as Mandatory Audit Courses from first to fourth semester and cumulative marks converted as a cluster of credits and awarded in the VI semester)
$^{\$}$proficiency in course/subject-includes the weightage towards ability/skill/competence/knowledge level/ expertise attained etc. in that particular course/subject.
^{SS}MCQ: Multiple Choice Question **^{SS}AO:** Assignment + Oral **^{SS}PP:** Pen Paper **^{SS}SO:** Submission + Oral
***Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform with credit transfer** # The minor project-II may be evaluated by an internal committee for awarding sessional marks.
****** **Course run in traditional mode, *This course run through SWAYAM/NPTEL/ MOOC platform**

*DE-1 (SWAYAM/NPTEL/ MOOC platform)		**Open Category (OC-1)(For students of other branches)		
3200665	An Introduction to Information Theory	3900117	Intelligent Control	
3200662	Digital IC Design			
3200663	Fuzzy sets, logic and System & Applications			

VI	Honors	Communication and Signal Processing	Electromagnetic waves in guided and wireless media (H200601)	Communication Networks (H200606)
		VLSI Design	Analog IC design (H200607)	Integrated Circuits, MOSFETs, OP-Amps and their Applications (H200609)
	Minors	Control & Sensor Technology	Microprocessors and Microcontrollers (M200606)	Network Analysis (M200607)
		Communication and Signal Processing	Communication Networks (M200604)	Fundamentals Of MIMO Wireless Communication (M200605)

Mode of Teaching					Mode of Examination					Total Credits
Theory			Lab	NEC	Theory			Lab	NEC	
Offline	Online	Blended	Offline	Interactive	PP	AO	MCQ	SO	SO	
-	3	11	5	1	7	-	7	3	1	20
-	15%	55%	25%	5%	35%	-	35%	15%	5%	Credits%