



Lokmanya Tilak Jankalyan Shikshan Sanstha's
PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR
 (An Autonomous Institute affiliated to Rashtrasant Tukadoji Maharaj Nagpur University)

SCHEME OF EXAMINATION

Department: Electronics and Telecommunication Engineering

B.Tech. Double Minor in (Specialization Embedded System Design)

Sr. No.	Sem	Course Code	Course Category	BOS/Dept	Course	Contact Hours				Marks				Total Marks	ESE Duration
										Theory		Practical			
						L	T	P	Credits	CE	ESE	CE	ESE		
1	IV	24UDMET4T	PCC	ETC	Embedded system Interfacing with Arduino	3	0	0	3	40	60			100	3 Hr
2		24UDMET4P	PCC	ETC	Lab: Embedded system Interfacing with Arduino	0	0	2	1			25	25	50	
3	V	25UDMET5T	PCC	ETC	Embedded system design with ARM	3	1	0	4	40	60			100	3 Hr
4		25UDMET5P	PCC	ETC	Lab: Embedded system design with ARM	0	0	2	1			25	25	50	3 Hr
5	VI	25UDMET6T	PCC	ETC	RTOS	2	0	0	2	20	30			50	
6		25UDMET6P	PCC	ETC	Lab: RTOS	0	0	2	1						
7	VII	26UDMET7T	PCC	ETC	Embedded System Design Verification	2	0	0	2	20	30			50	2Hr
8		26UDMET7P	PCC	ETC	Project	0	0	8	4			50	50	100	
						10	1	14	18	120	180	100	100	500	



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SCHEME OF EXAMINATION (w.e.f. 2024-25 onwards)

Department: Electronics and Telecommunication Engineering

B.Tech. Honors in Artificial intelligence and Machine Learning for Wireless Communication

Sr. No.	Sem	Course Code	Course Category	BOS/ Dept	Course	Contact Hours				Marks				Total Marks	ESE Duration
										Theory		Practical			
						L	T	P	Credits	CE	ESE	CE	ESE		
1	IV	24UHSET4T	PCC	ETC	Internet of Things and Applications	3	0	0	3	40	60			100	3 Hr
2		24UHSET4P	PCC	ETC	Lab: Internet of Things and Applications			2	1			25	25	50	
3	V	25UHSET5T	PCC	ETC	Cyber Security	3	1	0	4	40	60			100	3 Hr
4	VI	25UHSET6T	PCC	ETC	Machine Learning for Wireless Communication	3	0	0	3	40	60			100	3 Hr
5		25UHSET6P	PCC	ETC	Lab: Machine Learning for Wireless Communication	0	0	2	1			25	25	50	
6	VII	26UHSET7T	PCC	ETC	AI for image Processing	2	0	0	2	20	30			50	2Hr
7		26UHSET7P	PCC	ETC	Project on Problem Solving using Python	0	0	8	4			50	50	100	
					Total	11	1	12	18	140	210	100	100	550	