



**Lesson Plan & Work-Done Diary for AY: 2025-26, Odd Semester**

Course with Code: INTELLIGENT TRANSPORTATION SYSTEMS – BCV714A				Faculty: BHARATHI B			Semester: 7	
Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned	Class No.	Date of Conduction (DD/MM)	Topics Covered	TLP Executed	Remarks if any deviation
<b>MODULE-1</b>								
1	6/8/25	Introduction to Intelligent Transportation Systems (ITS) -Definition –	PPT	1		Introduction to Intelligent Transportation Systems (ITS) - Definition –	PPT	
2	7/8/25	Role and Responsibilities	PPT	2		Role and Responsibilities	PPT	
3	13/8/25	Advanced Traveller Information System	PPT	3		Advanced Traveller Information System	PPT	
4	14/8/25	Fleet Oriented ITS Services	PPT	4		Fleet Oriented ITS Services	PPT	
5	20/8/25	Electronic Toll Collection	PPT	5		Electronic Toll Collection	PPT	
6	21/8/25	Critical issues	PPT	6		Critical issues	PPT	
7	22/8/25	Security	PPT	7		Security	PPT	
8	28/8/25	Safety	PPT	8		Safety	PPT	



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<b>MODULE-2</b>								
9	29/8/25	Architecture-Techniques	PPT	9		Architecture-Techniques	PPT	
10	3/9/25	– ITS Architecture Framework	PPT	10		– ITS Architecture Framework	PPT	
11	4/9/25	Hardware Sensors	PPT	11		Hardware Sensors	PPT	
12	10/9/25	Vehicle Detection Vehicle Detection	PPT	12		Vehicle Detection Vehicle Detection	PPT	
13	17/9/25	Dynamic Message Sign	PPT	13		Dynamic Message Sign	PPT	
14	18/9/25	GPRS	PPT	14		GPRS	PPT	
15	19/9/25	GPS	PPT	15		GPS	PPT	
16	24/9/25	Toll Collection	PPT	16		Toll Collection	PPT	



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<b>MODULE-3</b>								
17	25/9/25	Video Detection	PPT	17		Video Detection	PPT	
18	26/9/25	Virtual Loop – Cameras	PPT	18		Virtual Loop - Cameras	PPT	
19	3/10/25	-- ANPR – IR Lighting	PPT	19		-- ANPR – IR Lighting	PPT	
20	8/10/25	Integrated Traffic Management – Control Centre	PPT	20		Integrated Traffic Management – Control Centre	PPT	
21	9/10/25	Junction Management Strategies	PPT	21		Junction Management Strategies	PPT	
22	10/10/25	ATMS – Advanced Traveler Information Systems (ATIS)	PPT	22		ATMS – Advanced Traveler Information Systems (ATIS)	PPT	
23	23/10/25	Route Guidance – Issues - Historical – Current – Predictive Guidance	PPT	23		Route Guidance – Issues - Historical – Current – Predictive Guidance	PPT	
24	24/10/25	Route Guidance – Issues - Historical – Current – Predictive Guidance.	PPT	24		Route Guidance – Issues - Historical – Current – Predictive Guidance.	PPT	



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<b>MODULE-4</b>								
25	29/10/25	Travel Information	PPT	25		Travel Information	PPT	
26	30/10/25	Pre Trip and Enroute Methods	PPT	26		Pre Trip and Enroute Methods	PPT	
27	31/10/25	Basic ATIS Concepts- Smart Route System	PPT	27		Basic ATIS Concepts- Smart Route System	PPT	
28	5/11/25	Data Collection	PPT	28		Data Collection	PPT	
29	6/11/25	Dissemination to Travelers	PPT	29		Dissemination to Travelers	PPT	
30	7/11/25	Evaluation of Information	PPT	30		Evaluation of Information	PPT	
31	12/11/25	Value of Information – Business Opportunities	PPT	31		Value of Information – Business Opportunities	PPT	
32	13/11/25	Value of Information – Business Opportunities	PPT	32		Value of Information – Business Opportunities	PPT	



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<b>MODULE-5</b>								
33	14/11/25	Automated Highway Systems	PPT	33		Automated Highway Systems	PPT	
34	19/11/25	Vehicles in Platoons	PPT	34		Vehicles in Platoons	PPT	
35	20/11/25	Integration of Automated Highway Systems	PPT	35		Integration of Automated Highway Systems	PPT	
36	21/11/25	ITS Programs in the World	PPT	36		ITS Programs in the World	PPT	
37	26/11/25	Overview of ITS implementations in developed countries	PPT	37		Overview of ITS implementations in developed countries	PPT	
38	27/11/25	Overview of ITS implementations in developed countries	PPT	38		Overview of ITS implementations in developed countries	PPT	
39	28/11/25	ITS in developing countries	PPT	39		ITS in developing countries	PPT	
40	3/12/25	ITS in developing countries	PPT	40		ITS in developing countries	PPT	



	Activity	Planned	Actual	Remarks
1	Theory Classes	40		
2	Assignments/ Quizzes/ Self-study	Assignment - 02 Quiz - 05		
3	Tutorials/ Extra classes	-		
4	Internal Assessments	03		
5	ICT based Teaching (% of usage in Curriculum)	100		
Planning			Execution	
Faculty Signature:			Faculty Signature:	
HOD Signature:			HOD Signature:	