ANNUAL PEDAGOGICAL PLAN (VIII , Artificial Intellegence)			
S.no.	**What are the problems**	**Compilation of problems**	**Categorisation of Problems (Subjective & Behavioural)**
1	**Students are not able to understand the difference between network components llike - hubs/routers, switches/bridges, gateways/repeaters and differentiate between types of network and topologies.**	**differentiating between conceptso of network components and topologies**	**Subjective**
2	**Practical implementation of a network.**	**implementation of network.**	

ANNUAL PEDAGOGICAL PLAN (VIII , ARTIFICIAL INTELLIGENCE)

KPI NO.	KPI NAME	KPI DEFINITION	WHERE ARE WE NOW? (scale & description)	KPI GOAL	KPI LIMIT	WHAT WE NEED TO DO ?	HOW WILL IT BE ACHIEVED	KPI MEASUREMENT	REVIEW	KPI REPORTING	KPI ACHIEVEMENT	KPI IMPROVEMENT
1	improvement of students performance in concepts of networking	differentiating between concepts of network components and topologies SP 1 (T1L1)	65% - Students could understand the concept of computer network.	70%	±2%	Clarify the components of computer network.	Activity : Practice sheet related to different types of network. Quiz can be conducted. MCQs Sheet.	Practice sheet /Quiz relate to the topic.	After assessment of Practice sheet	After assessment		
2	Practial implementation of network	implementation of network. SP2 (T1L1)	60%- Students could understand the need of computer network	70%	±3%	Giving clarity connections related to designing a physical network.	Activity : Practical of physical network			After Assessemnet		

Class – VIII

Lesson Plan

Subject: Artificial Intelligence
Topic: Computer Network

Brief Description of the lesson:
Computer networking refers to interconnected computing devices that can exchange data and share resources with each other. These networked devices use a system of rules, called communications protocols, to transmit information over physical or wireless technologies.

I - Specific Objectives:

SP1: KPI 1-To make students understand about the Computer Network(U-Interpreting)
SP2: KPI 2- To make students understand the need of the computer network. (U-Interpreting)
SP3: To make students understand the different types of network. (K – Recognizing)
SP4: KPI 3- To enable students to understand about the different topologies.(A-Executing)
SP5: To make them understand the advantages of computer network.

II - Behavioral Objectives:

B1: To develop the understanding about the importance of computer network. (U-Interpreting)
B2: To make students to understand the need of computer network in better way. (U-Interpreting)
B3: To make students to understand how to classify the different networks. (U-Inferring)
B4: To enable students to differentiate the different topologies. (An-Attributing)
B5: To make students to understand the usage of computer network.

Process / Activities:

Activity (to introduce the lesson):

ACT1: Explain the Computer Network with PowerPoint Presentation.
ACT2: KPI 1--Explain with devices used in a computer network.
ACT3: Explain different types of network with the help of models and diagrams.
ACT4: explain the topologies in real time.
ACT5: Discuss the advantages in real time.
ACT6:KPI 2- Practical implementation of computer network.

Activity / Assignment (to assess learning):

A1: Practice sheet related to different types of network (observation) .
A2: Practice sheet related to different types of topologies (observation).
A3: Lab visit to find out the types of network in School.
A4: Assignment to create a PowerPoint Presentation in teams on wired and wireless network.

Expected Learning Outcomes

Student will be able :

1. To make students understand about the Computer Network(U-Interpreting)
2. To make students understand the need of the computer network. (U-Interpreting)
3. To make students understand the different types of network. (K – Recognizing)
4. To enable students to understand about the different topologies.(A-Executing)
5. To make them understand the advantages of computer network.

Behavioral Outcomes:

Student will be able :

1. To develop the understanding about the importance of computer network. (U-Interpreting)
2. To make students to understand the need of computer network in better way. (U-Interpreting)
3. To make students to understand how to classify the different networks. (U-Inferring)
4. To enable students to differentiate the different topologies. (An-Attributing)
5. To make students to understand the usage of computer network.

- **Placement of objective, Instructional Activities and Assessment**

• Topic: Computer Network					
Knowledge	Understanding	Application	Analysis	Synthesis	Evaluation
SP3	SP1	S4	B4		
	SP2	ACT1,ACT2, ACT 3,ACT 4			
		A1			
	SP5	A2			
	B1,B2	A3			
	B3				