

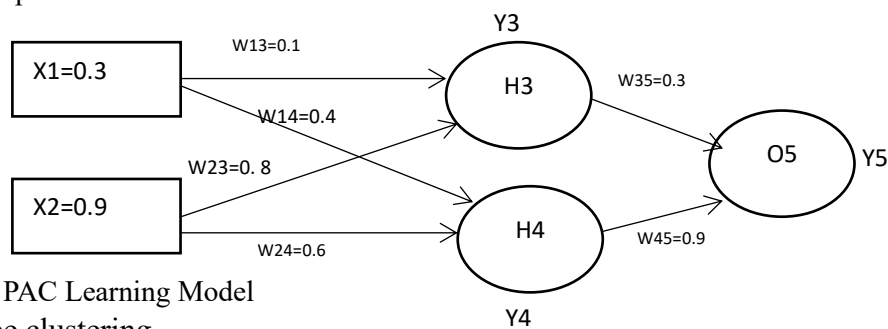
**St. Vincent Pallotti College of Engineering & Technology, Nagpur**  
**Department of Computer Engineering**  
**VI Semester**

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Submission – 13/08/2024

**Assignment 02**

1. Explain Components of Time series with suitable example.
2. Explain autoregressive model.
3. Illustrate convolutional neural network.
4. Solve the following problem using back-propagation NN for epochs=2, Learning rate=1, target output =0.5



5. Explain PAC Learning Model
6. Describe clustering.
7. Explain ensemble learning.