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PSNA College of Engineering and Technology, Dindigul – 624 622.

(An Autonomous Institution Affiliated to Anna University, Chennai).

First Serial Test Assignment:: 2024-25 :: ODD semester

B.Tech Information Technology
Semester V
CS2V14 | Text and Speech Analysis

R 2022

Blooms Taxonomy Levels (BL)	BL1 - Remembering	BL3 - Applying	BL5 – Evaluating
	BL2 - Understanding	BL4 – Analyzing	BL6 – Creating

SL.No	Answer All Questions.	Marks	BL	CO
1	Execute the following using python Take sentence of your own choice or you can implement the code for “ <i>The brown fox is quick and he is jumping over the lazy dog</i> ”. i. Parts of Speech (POS) Tagging ii. Shallow Parsing or Chunking iii. Constituency Parsing iv. Dependency Parsing	8	2	1
2	Perform Text Preprocessing Using Python for “ <i>The brown fox is quick and he is jumping over the lazy dog</i> ” or the sentence of your own. Also observe the difference between Stemming and Lemmatization.	8	2	1
3	Implement TF-IDF using Python.	4	2	1
4.	Explain RNN and Transformers in detail	20	2	2

Faculty In-Charge

(Mrs P Priyadharshini)