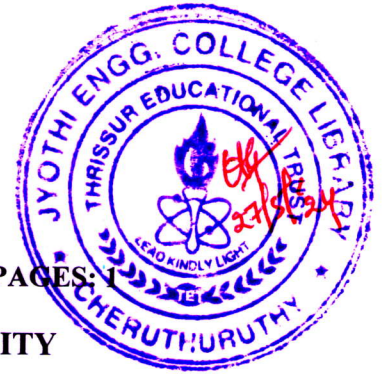


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APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

SECOND SEMESTER M.TECH DEGREE EXAMINATION, MAY 2024

Course Code: 222ECS007

Course Name: SOCIAL NETWORK ANALYSIS

Max. Marks : 60

Duration: 2Hrs 30 Minutes

PART A

Answer All Questions. Each Question Carries 5 Marks

1. Explain about various static and dynamic properties of Social Network. (5)
2. What is the relevance of Edge measures in Social Influence Analysis. Explain. (5)
3. Explain the terms Ethnography and Event maps (5)
4. Explain various types of Social Tags. (5)
5. Explain the applications of Random walks of Graphs in computer vision. (5)

Part B

(Answer any five questions. Each question carries 7 marks)

6. What are the types of changes in the evolution of the web community? (7)
7. Describe privacy breaches and privacy preserving mechanisms in Social Networks (7)
8. Explain the concept of Text mining in Social Networks. (7)
9. Given a social network with labels on some nodes, how to provide a high quality labeling for every node?. (7)
10. What are the different Algorithms used for Social Influence Analysis: (7)
11. Explain in detail about node classification in Social networks. (7)
12. Explain about core methods for community detection in detail (7)
