

UNIVERSITY OF MADRAS
MASTER OF COMPUTER APPLICATIONS (MCA) DEGREE PROGRAMME
SYLLABUS WITH EFFECT FROM 2023-2024

Title of the Paper	Social Networking Lab		
Elective - IV Practical - IV	I Year & II Semester	Credit:3	435E2D

Course Objectives

- To familiarize the tools required to manage social network applications
- To analyze social networks like Facebook, LinkedIn, Google+, GitHub
- To teach the fundamental techniques and principles in achieving social networking environment.
- To enable students to have skills that will help them to solve real time applications.
- To get explore in the Github API.

List of Programs

1. Creating and Exploring Twitter's API
2. To analyzing and visualizing tweets and tweet entities with frequency analysis
3. Creating and Exploring Facebook's Social Graph API
4. To analyzing the Facebook's Social Graph connections
5. Creating and Exploring LinkedIn API
6. To downloading LinkedIn connections as a CSV file
7. Creating and Exploring Google+ API
8. To create and querying Human Language Data with TF-IDF
9. Creating and Exploring GitHub's API
10. To analyzing GitHub interest graph

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On the successful completion of the course, students will be able to

CO1	To understand , implement and review the fundamental techniques and principles for social networks.	K1-K6
CO2	To design and develop the programs using the tools required to develop and manage social network like Facebook, LinkedIn, Google+, GitHub.	K1-K6
CO3	To create and explore the functionality of social networking tools such as GitHub.	K1-K6
CO4	To understand , implement and review the fundamental principles for social network graph.	K1-K6
CO5	To comprehend and critically analyse the existing API for social networks.	K1-K6

K1- Remember, K2- Understand, K3- Apply , K4- Analyze, K5-Evaluate, K6- Create

Mapping with Programme Outcomes:

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	S	S	M		M	S	-	-	-	S
CO2	S	M	S	S	S	M	-	-	-	S
CO3	S	S	S	S	S	S	-	-	-	S
CO4	S	M	S	S	S	M	-	-	-	S
CO5	S	S	S	S	S	S	-	-	-	S

S- Strong; M-Medium; L-Low