CSC453 SOCIAL NETWORK COMPUTING

Learning Outcomes

- Define social network computing terminology.
- Describe the use and applications of social network computing.
- Explain the social relationships, diffusion, propagation, information flow and sharing and the inherent issues.
- Appraise the technology used for social media.
- Analyze social network data.
- Explain different social network applications.
- Assess different social network applications.

Content

Social relationships and networks; Personal networks: forms of sociability, relations, social circles and community; Social media; Technologies: web 2.0, etc; Basic Graph Theory, representation; Dynamics: models of propagating and influence innovations, network impact on diffusion; Social network analysis: social network data, analysis methods; Learning in social networks; Applications.

Pre-requisites

- CSC217 Web Programming and Applications

Delivery

Lectures, Case studies, Laboratory.