Based on the course content and exam options provided, here are some suggestions for survey topics that could work well for this project:

1. Survey of Routing Protocols for Flying Ad-Hoc Networks (FANETs)

* Compare topology-based vs position-based approaches
* Analyze challenges specific to 3D aerial networks
* Evaluate performance in different FANET scenarios

1. Comparative Analysis of MAC Protocols for Vehicular Ad-Hoc Networks (VANETs)

* Examine IEEE 802.11p and other VANET-specific MAC protocols
* Discuss challenges like high mobility and frequent topology changes
* Compare performance metrics like throughput, delay, reliability

1. Survey of Localization Techniques for Indoor Wireless Networks

* Review methods like trilateration, fingerprinting, etc.
* Analyze challenges specific to indoor environments
* Compare accuracy, scalability, and implementation costs

1. Analysis of TCP Performance Enhancement Techniques for Wireless Networks

* Review approaches like TCP CUBIC, Vegas, Westwood, etc.
* Discuss wireless-specific challenges for TCP
* Compare performance in different wireless scenarios

1. Survey of Security and Privacy Issues in Internet of Things (IoT) Networks

* Examine vulnerabilities in resource-constrained IoT devices
* Review proposed security protocols and frameworks
* Analyze privacy concerns and proposed solutions

1. Survey of Device-to-Device (D2D) Communication Protocols in 5G Networks

* Compare different D2D approaches (e.g. LTE Direct, WiFi Direct)
* Analyze integration challenges with cellular networks
* Evaluate performance benefits and use cases

1. Comparative Analysis of UAV Path Planning Algorithms for Wireless Networks

* Review different path planning approaches for aerial networks
* Discuss challenges like energy constraints and dynamic environments
* Compare performance in various mission scenarios

1. Survey of Body Area Network (BAN) Technologies for Healthcare Applications

* Examine different BAN communication standards and protocols
* Analyze challenges like energy efficiency and security
* Compare performance for various health monitoring applications

1. Analysis of Data Dissemination Techniques in 2D Vehicular Networks

* Review protocols for efficient message propagation in urban environments
* Discuss challenges like network partitioning and broadcast storms
* Compare performance metrics like delivery ratio and latency

1. Survey of Seamless Communication Methods for IoT Devices

* Examine techniques for automatic device pairing and data transfer
* Analyze approaches using Bluetooth Low Energy, WiFi, etc.
* Compare user experience and implementation complexity

1. Review of Mobility Models for 3D Drone Networks

* Examine different mobility patterns proposed for drone swarms
* Analyze impact on network performance and application scenarios
* Compare realism and computational complexity of different models

1. Survey of Information-Centric Networking (ICN) Approaches for Mobile Networks

* Review ICN architectures proposed for mobile/wireless scenarios
* Analyze benefits and challenges compared to traditional IP networking
* Compare performance in different mobile application contexts

1. Comparative Analysis of UAV Path Planning Algorithms for Wireless Networks

Papers I will use:

* Sathyaraj, B.M., Jain, L.C., Finn, A. et al. “Multiple UAVs path planning algorithms: a comparative study”
* Xu and C. Che, "A Brief Review of the Intelligent Algorithm for Traveling Salesman Problem in UAV Route Planning,"
* Fei Yan, Yi-Sha Liu and Ji-Zhong Xiao, “Path Planning in Complex 3D Environments Using a Probabilistic Roadmap Method”
* Zhang, Wei & Zhang, Sai & Wu, Fengyan & Wang, Yagang. (2021). Path Planning of UAV Based on Improved Adaptive Grey Wolf Optimization Algorithm
* P. Yao, Z. Xie and P. Ren, "Optimal UAV Route Planning for Coverage Search of Stationary Target in River"

Keywords to use to find papers:

"UAV route planning algorithms" "Drone path planning optimization" "Unmanned aerial vehicle trajectory planning" "Multi-UAV mission planning" "Obstacle avoidance for UAV routing"