# Lab Work Summary

| Work in the Lab | Learning Outcomes | Estimated Number of Computers | Estimated Number of Members |
|---|---|---|---|
| Research & Development (R&D) | - Devise innovative solutions for security challenges | 3-4 | 5-8 |
| Virtual Labs Simulation | - Practical experience with real-world cyber threats | 3-4 | 5-8 |
| Intrusion Detection System (IDS) Simulation | - Hands-on implementation and analysis of IDS, and research into development and improvement of the systems. | 3-4 | 5-8 |
| SCADA Simulation Project | - Knowledge of cybersecurity in industrial environments | 3-4 | 5-8 |
| | - Ability to secure SCADA systems against cyber threats | | |
| Policy Making for Cybersecurity Protocols | - Familiarity with policy formulation for digital security | 1-2 | 5-8 |
| | - Skills in defining guidelines for cybersecurity practices | | |
| Digital Forensics Lab | - Knowledge of digital evidence analysis and forensic techniques | 3-4 | 5-8 |
| | - Ability to investigate cybersecurity incidents | | |
| Security Protocols for Emerging Technologies | - Understanding security challenges in new tech | 1-2 | 5-8 |
| | - Designing security protocols for cutting-edge technologies | | |
| Cybersecurity Library | - Access to a comprehensive collection of cybersecurity resources | 1-2 | 2-4 |
| | - Familiarity with relevant books, software, and hardware | | |
| Cybersecurity Research Collaborative (R&D) | - Collaborative research skills | 1-2 | 5-8 |
| | - Contribution to joint cybersecurity research projects | | |
| Cybersecurity Startup Incubator | - Entrepreneurship and startup skills | 1-2 | 2-4 |