**COMPUTER NETWORKS PROJECT - RESEARCH TOPIC**

**MEMBERS:**

1. M. Ehtesham Zafar Jan (20k-1655)
2. Syed Hassan Ali (20k-1052)
3. Amna Mubarak (20k-1695)

**Domain: DevOps**

**Sub-Domain: DevOps in Software Development Process**

**Tentative Objectives:**

1. Need of DevOps.
2. How it provides automation.
3. Practices involved during the process.
4. Improving SE with DevOps implementation.

**5 Research Papers for Guidance:**

1. Analyzing the Behaviour of Applying Agile Methodologies & DevOps Culture in e-Commerce Web Application.

**Link:** https://sci-hub.wf/10.1109/ICOEI48184.2020.9142895

1. A proposal to systematize introducing DevOps into the software development process.

**Link:** https://sci-hub.wf/10.1109/icse-companion52605.2021.00124

1. Qualifying Software Engineers Undergraduates in DevOps - Challenges of Introducing Technical and Non-technical Concepts.

in a Project-oriented Course

**Link:** https://sci-hub.wf/10.1109/icse-seet52601.2021.00024

1. Software Engineering Education Meets DevOps: an Experience Report

**Link:** https://ieeexplore.ieee.org/document/9940102

1. DevOps Education: An Interview Study of Challenges and Recommendations

**Link:** https://ieeexplore.ieee.org/document/9794182