



Department of Computer Science Best Senior Project Awards

COMP497 – Senior Project

Spring 19

Title:

- **Shield: An Intelligent and Affordable Solution for Home Security**
- [Shield: An Intelligent and Affordable Solution for Home Security | IEEE Conference Publication | IEEE Xplore](#)

Students:

- Aimen Shahid
- Mahroo Ali
- Mariam Ejaz

Advisors:

- Dr Sidra Minhas
- Dr Nosheen Sabahat

Spring 2021

Title:

- Real-Time Language Translation Application

Students:

- 21-10558 Taha Shahid Majeed
- 21-10077 Fatima Burki
- 21-10436 Alishba Noreen

Advisors:

- Dr Nosheen Sabahat
- Dr Aasia Khanum

Fall 2021

Title:

- Smart drinking water dispenser

Students:

- M Usama Saeed 22-10163
- M Subhan Azeem 22-11327

Advisors:

- M Rauf Butt
- M Salman Chaudry

Spring 2022

Title:

- Mobile Application to Convert English Text and Audio to Pakistan Sign Language Video Lexicons

Students:

- 22-10216 Ahmed Yasser
- 22-10067 Rifa Salman
- 22-10483 M. Hassan Shakoor Rana

Advisors:

- Dr Sidra Minhas
- Dr Haroon Shakeel

Fall 2022

Title:

- Blockchain Based Electricity Bill Tempering Detection

Students:

- 221436819 Chand Saleem
- 221440255 Muhammad Tayyab
- 23-10903 Muzafar Arshad

Advisors:

- Samia A Qureshi
- Dr Maria Tamoor

Spring 2023

Title:

- Real time robbery detection in CCTV Cameras

Students:

- 231469272 Hadi Hassan
- 231465420 Adeel Akmal
- 231466998 Ahmed Zaka

Advisors:

- Dr Sidra Minhas
- Rabraneea Bqa

Fall 2023

Title:

- VitalCareX: Advance Health Monitoring System for Active Aging

Students:

- 241610047 Muhammad Mustafa Kamal Malik
- 231523180 Sarmad Sabir
- 231523589 Mian Fahad Javed

Advisors:

- M Rauf Butt
- Dr Nosheen Sabahat

Spring 2024 – Application Based

Title:

- IntelliRoads: Next-Gen Traffic Management System For the Cities of Tomorrow

Students:

- (241550531) Omair Ahmad
- (241546585) Muhammad Ahmad Tariq
- (241554627) Muhammad Saad Yasin

Advisors:

- Dr Haroon Shakeel
- Dr Nosheen Sabahat

Spring 2024 – Research Based

Title:

- Bi-Directional Neural-Interfaced Automaton Symbiosis (B-NIAS)

Students:

- 241549487 Saad Muzaffar
- 241547428 Muhib Nadeem
- 241550809 Yamna Hassan

Advisors:

- Asma Basharat
- Dr Nosheen Sabahat