

## List of PG Courses

### Digital AI Basket

- Introduction to Machine Learning
- Probabilistic Machine Learning
- Software Engineering for Intelligent Systems \*
- Modern Cryptography
- Cryptographic Protocols
- Human-AI Interaction
- Human-centered Computing
- Computational Cognitive Science
- Economics and Business of Digital Technologies

### Cyber-Physical Systems Basket

- Introduction to Signal Analysis
- Representation and Analysis of Random Signals
- Embedded and Cyber-Physical Systems
- Computer-Aided Verification
- Convex Optimization
- Robot Dynamics\*
- Basics of Modern Control Systems
- Nonlinear Systems
- Machine Learning for Wireless Communications
- UAV Communications
- Perception Algorithms on Autonomous Systems
- Principles of Navigation Techniques for Autonomous Systems

\* Subject to senate approval