**Semiconductors**

**and Electronics**

**Group**

**Optoelectronic Group**

|  |  |
| --- | --- |
| **Courses of Optoelectronics Technology** | **Courses of Solid State Electronics** |
| **Optical Electronics**  **Introduction to Optoelectronic Technology**  **Optoelectronic Measurement and Analysis**  **Optoelectronic Experiment**  **Organic Optoelectronic Materials and Devices**  **Optoelectronic Semiconductor Device**  **The Theory of Planar Display**  **Laser Optics**  **Fiber Optics**  **Energy Materials**  **Solar Cell**  **Modern Optics**  **Fourier Optics**  **Nonlinear Optics**  **Crystal Optics**  **Optics of Liquid Crystals** | **Introduction to Solid State Physics**  **Physics of Semiconductor Devices**  **Introduction to Quantum Mechanics**  **Introduction to Computational Physics**  **Nanomicroscopy and Nanolithography**  **Characterization and Analysis of**  **Nanostructured Materials**  **Thin Film to Science and Technology**  **Vacuum Technology**  **Magnetic Technology and Applications**  **The Technology Semiconductor Industry**  **Magneto-optics**  **Physics of Carbon Nanotubes**  **Spintronics**  **Introduction to Electron Microscopy** |
| **Institute of Optoelectronics and Solid State Electronics Courses Frame Chart** | |