

Midterm Report of Creative Engineering Design 1

I think students have decided your advisor professor. You can see the three professors' problems. Choose your advisor professor's problem (just one of them) and submit the "Midterm Report" by 26/Oct.

After then, you will study and discuss about your professor's research area during 6 weeks (27/Oct ~ 7/Dec).

Please contact with your advisor professor after "Midterm Report".

Prof. Hilal Tayara (hilaltayara@jbnu.ac.kr, 010-9610-1483): AI for bioapplication

Prof. Seung-Beop Lee (seungbeop.lee@jbnu.ac.kr, 010-6803-2586): Wireless Power Transfer systems

Prof. Won-Yeop Rho (rho7272@jbnu.ac.kr, 010-6495-9528): Solar cells

On final week of this semester (8/Dec ~ 14/Dec), we will have a personal presentation about your research area.

Professor Hilal Tayara.

Explain the main steps that should be followed for designing an efficient biological computational model, and discuss why artificial intelligence (AI) approach is suitable and helpful for the development of bioinformatics tools.

Professor Seung-Beop Lee.

Explain the specific concepts and processes for the design methods that can effectively and efficiently design the electric and electrical systems (Ex. wireless power transfer systems, electric motors, solar power plants, etc.)

Professor Won-Yeop Rho.

Predict product(s) and explain the reaction mechanism.

