

Editorial

We bring the second issue of the **Journal of Electronic Systems** with the below-described papers.

In the opening paper on “**Performance of conductors in the overhead transmission lines**”, the authors compared the performance of three conductors, Aluminium Conductor Steel Reinforced-ACSR, All Aluminium Alloy Conductors-AAAC and Aluminium conductor Composite Core-ACCC. They describe the generating technological characteristics of the conductors and then make an analysis of the physical, mechanical and electrical characteristics.

In the next paper on “**Impact of magnetic field on the environment using magnetic induction and transformer proximity**”, The authors studied the direct and indirect effects of magnetic fields. Using the finite element method with FEM 4.2 at normal loads, they identified the effect of the magnetic field in the environment. The volume of the magnetic induction in the transformer proximity is calculated with the distribution level in this work.

In the last paper, “**Power stability and quality improvement using ideal DFIG**”, studied the transmission power system in a DFIG wind farm and its dynamic characteristics. They aimed to improve the power stability and quality, for which they found how the DFIG works in various situations. They carried out simulations for tests with short circuits on voltage level and wind speed changes.

We will bring more research into the forthcoming issues.

Editors