

## Editorial

We bring the first issue of the **Signals and Telecommunication Journal** with the below listed three papers.

In the first paper on “**Energy Conservation using Photovoltaic Plants**”, the authors designed a solar energy system using photovoltaic cells. The use of photovoltaic cells helps the conversion of energy into electricity, as the authors found. The main purpose is to produce an environmentally friendly energy system.

In the second paper, “**A simplified control strategy based on the linearization of the dynamic model combined with trajectory tracking**”, the authors advocated a simplified control strategy based on the linearization of the dynamic model combined with trajectory tracking and linear feedback control law. Using Lagrange formalism, we introduced the design which was tested in our work.

In the following paper on “**Metaheuristic approaches with the Quadtree and the Harmony Search method**”, the authors advocated a new metaheuristic approach for control path planning. It combines the search space separation capabilities of the Quadtree method and the optimisation capabilities of the Harmony Search method. After the proposition, the authors tested it and found it more efficient, resulting in high convergence.

In the last paper on “**Efficient RF Voltage Transformer with Bandpass Filter Characteristics**”, the authors designed and fabricated a microwave bandpass filter with a large ratio between the output and the input impedance. The authors claim that it can be used in various cases requiring voltage amplification and frequency filtering.

We will bring more research in the coming issues.

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