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# *Central European Researchers Journal*



## A WORD OF WELCOME FROM THE EDITORS

Dear Colleagues, Readers and Authors,

We are pleased to present the latest issue of our journal, dedicated to the newest trends, research, and achievements in the field of technical cybernetics. In this edition, we bring you a selection of articles that reflect the progress and innovative projects within this dynamically evolving domain.

Among the topics, you will find Solar Charging Control System, Modernization of the Transport Laboratory, and Solar Car: Example of Low Power Design. Additionally, the issue includes studies on Intelligent Power Sockets and Energy Storage Systems - a Way of Increasing Operational Time of WSN Devices.

Students have actively collaborated on several projects, highlighting their crucial role in research and development. Their contributions are particularly evident in projects such as Automated Terrarium Implementation and ESP32-Based Pulse Oximeter Design. These experiences not only advanced specific technologies but also provided students with valuable practical knowledge.

The vision of this journal is to deliver information that is both valuable and beneficial to everyone interested in advancements in cybernetics. We wish you an enjoyable reading experience and many inspiring insights!

Sincerely,

*The Editorial Team*

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**Address of the editorial office:** Central European Researchers Journal - editorial, Faculty of Management Science and Informatics, University of Zilina, Univerzinta 8215/1, 01026, Zilina, Slovakia, editorial@ceres-journal.eu

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