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Department of Electronics & Communication Engineering.

3rd International Conference on Circuits, Controls and Communication CCUBE-2021

The third IEEE International conference on "Circuits, Controls and Communications, "CCUBE-2021", jointly organized by Departments of Electronics & Communication Engineering, Electrical & Electronics Engineering and Electronics & Instrumentation Engineering. The conference was held during December 23 – 24, 2021. A total of 106 papers were received out of which 31 papers were accepted.

The conference was inaugurated by Dr. Rajaram Kudli, Former Vice President, Analytic Engineering Valgen, USA, followed by keynote address by Dr. Piotr Slomka, Director and Professor of Medicine and Cardiology Cedars Sinai, USA.

Series of plenary Talks are arranged on the topic "*Automation to autonomy*" by Dr. Sithu D Darshan, Executive Director of C-DAC, Bangalore, "*The Challenges in Post-Pandemic World*" by Dr. C P Ravikumar, Technical Director of University Relations, Texas Instruments India, *"MEMS - An Overview & Opportunities"* by Dr. Prakruthi Hareesh C V Chief Applications Scientist at Globetek, Bangalore and *"Grid Stability & Virtual Power Plants"* by Dr. Pradyumna Ayyalasomayajula by Team lead, R&D, Landis+Gyr, Switzerland.

The conference also had a Panel Discussion on the topic "AI & ML – Constructive / Disruptive". The conference concluded with the valedictory function presided by Dr. Shivakumar K M, Architect (AI/ML), Baatu Technologies Pvt. Ltd. CCUBE 2021 was technically sponsored by IEEE Bangalore Section, COMSOC, PES, SPS Chapters.

The conference invites submission of research papers in topics including Advanced Machines and Control, AI & ML applications to circuits, controls and communications, AI & ML applications to Power System, Biomedical circuits and systems, Data Science, Distributed Generation and Integration, Energy Storage and Batteries, High power Electromagnetics, Smart Grid and Smart Cities, Signal, Image and Audio processing, etc.