



Mr. B Santosh Kumar

Assistant Professor

Department

Electrical & Electronics Engineering

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Academic Background

M.E (Control Systems) – Andhra University, Visakhapatnam, A.P

B.Tech (EEE) – Sri Sivani College of Engineering, Srikakulam, A.P

Mr. B Santosh Kumar has experience in the field of Electrical engineering. He has taken subjects related to Control Engineering and has been proficient in teaching subjects like Advanced Control Systems, Digital Control Systems, Control Systems, Electrical Measurements, Network Analysis and Electrical Technology.

Published 03 papers in various international journals.

Published 1 book in the field of Control Engineering.

Research Interests:

Robust controller design for dynamic systems, Mobile Robotics, Fractional Order Controller for Special machines.

Achievements:

Published a book at Lambert academic publishing, "**Robust IMC/IMC-PID Controller Design**" towards load frequency control of perturbed time-delayed power systems using model approximation.

Participated in one day Workshop on "**Block Chain Applications**" organized by IIT Bhilai Innovation and Technology Foundation (IBITF) held on 27th September 2021.

Completed NPTEL Online Certification course "**Fuzzy Logic and Neural Networks**" with Score 77%

A Paper entitled " A Compact Substrate Coupled Inductor for Interleaved Multiphase DC-DC Converters "is Published in IJMTST, Volume :03, Issue No :06, June 2017.

A Paper entitled An Approach to obtain an 84-Pulse VSC Three-Phase Voltage with low THD "is Published in IJMETMR, Volume :03, Issue No :11, November 2016.

Participated in "Synchro Phasor Application To Power Systems" National Level Workshop in AUCE(A), Andhra University.

Presented a paper in "Smart Grids For Smart Cities" National Level conference in AUCE(A), Andhra University.