

VIDYA VISWAN

PROFILE

Assistant Professor
Model Engineering College,
Ernakulam.
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EDUCATION

M.Tech –Power
Electronics

School of Engineering, Cochin University of Science and
Technology

B Tech – Electrical
& Electronics
Engineering

School of Engineering, Cochin University of Science and
Technology

AREAS OF INTEREST

Electrical Machines, Control Systems, Measurements and Instrumentation, Power
Electronics

PROFESSIONAL EXPERIENCE

9 years

PROFESSIONAL BODY MEMBERSHIP

Life member, Indian Society of systems for Science and Engineering

PUBLICATIONS

International Conferences

[1] V. Viswan, A. M. Vipin and T. P. Vishnu, "Simulation and performance comparison of Silicon and Silicon carbide based DC-DC Buck Boost converter using LTSpice," *2015 International Conference on Power, Instrumentation, Control and Computing (PICC)*, Thrissur, 2015, pp. 1-5.

[2]T. P. Vishnu, V. Viswan and A. M. Vipin, "Power system state estimation and bad data analysis using weighted least square method," *2015 International Conference on Power, Instrumentation, Control and Computing (PICC)*, Thrissur, 2015, pp. 1-5.

COURSES HANDLED

Sl.No	Course Name	UG/PG
1	Basic Electrical and Electronics	B Tech Electrical & Electronics Engg. (KTU)
2	Signals and Systems	B Tech Electrical & Electronics Engg. (KTU)
3	Electrical system Design	B Tech Electrical & Electronics Engg. (KTU)

4	Measurements and Instrumentation	B Tech Electrical & Electronics Engg. (KTU)
5.	Switched Mode Power Converters	M Tech Electrical & Electronics Engg. (KTU)
6	Circuits and Networks	B Tech Electrical & Electronics Engg. (CUSAT)
7	Linear Control Systems	B Tech Electrical & Electronics Engg. (CUSAT)
8	Electrical Technology	B Tech Electronics & Communication Engg. (CUSAT)
OTHER DUTIES/RESPONSIBILITIES		
Staff Advisor to 2019-23 batch Electrical & Electronics Engineering		