

BABY SINDHU A V

Designation: Assistant Professor in EEE

Date of Joining: 20th August 2003

Teaching Experience: 19 years

Contact Details

E-mail: sindhusudhir@lbscek.ac.in
sindhusudhree@gmail.com

Mobile: +919037667582

Academic Background

- Pursuing PhD from IISc, Bangalore.
- ME in High Voltage Engineering from IISc, Bangalore in 2015.
- B-Tech in Electrical and Electronics Engineering from NSS College of Engineering, Palakkad under Calicut University.

Areas of Interest

High Voltage Engineering, Nanodielectrics, Polymeric Insulators, Electromagnetic field theory.

Subjects Taught

High Voltage Engineering, Field Theory, Circuit Theory, Electrical Machines, Power Systems, Basics of Electrical Engineering, Electrical Measurements and Measuring Instruments, Circuit Theory.

Significant Publications

1. Baby Sindhu A V, M. Joy Thomas and Deepak Kaushik, "Tracking and Erosion Performance of Alumina Trihydrate/ Aluminium Nitride filled Micro and Nano Silicone Rubber Composites", IEEE Electrical Insulation Conference, Knoxville, TN, USA, June 2022.
2. Baby Sindhu A V , Joy Thomas M, "A Technique for the Condition Monitoring of Outdoor Polymeric Insulators made of Micro/Nano Dielectric Weathershed Material", 2021 5th International Conference on Condition Assessment Techniques in Electrical Systems (CATCON), NIT Calicut.
3. Baby Sindhu A V and M Joy Thomas, "Erosion Performance of Boron Nitride Filled Silicone Rubber Composite as Outdoor Insulator Weathershed Material", CIGRE e-session, Paris 2020.
4. Navya R, Sarath Mohan and Baby Sindhu A V, "Standalone operation of PMSG based wind energy system with hybrid energy storage", 4th National Conference

on Recent Advances in Engineering and Technology (nCORTEch-17), Kasaragod, March 2017.

5. Rajashree Raghavan and Baby Sindhu A V, “Electromechanical and Electronic Energy Systems: A Comparative Performance Evaluation”, National Conference on Recent Advances in Electrical Engineering and Energy Systems (REEES-2010), Bhilwara, Rajasthan, Sept. 2010.

Other Responsibilities

- Chairperson of Finance committee, nCORTEch-17.
- Chairperson of Wiring Committee for Community Development.
- Convener of Professional Body Development Committee, iCORTEch-18.
- Internal chair for nCORTEch-17.
- Department lead of strategic planning committee.
- Staff Advisor, College Union.
- Internal Academic auditor.