

Recent Publications of Dr. Basudeba Behera

1. **B. Behera** (Department of Electronics and Communication Engineering)
“A Review on High Temperature Piezoelectric Crystal $\text{La}_3\text{Ga}_5\text{SiO}_{14}$ for Sensor Applications”, *IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control*, pp. 1- 15, Print ISSN:0885-3010, Online ISSN: 1525-8955, 2022, DOI: 10.1109/TUFFC.2022.3143666. (SCI IF: 2.725)
2. **B. Behera** (Department of Electronics and Communication Engineering)
“A Brief Review on the Recent Evolution in Piezoelectric Linear Ultrasonic Motors”, *IOP Engineering Research Express*, Volume 3, Issue: 4, pp. 1-16, 2021, <https://doi.org/10.1088/2631-8695/ac3b73>.
3. **B. Behera** (Department of Electronics and Communication Engineering)
“Low Operating Voltage based Piezoelectric Ultrasonic Actuator for Tactile System Applications,” *Taylor & Francis Ferroelectrics*, Volume 585, Issue: 01, pp. 163-177, 2021, DOI:10.1080/00150193.2021.1991223. (SCI IF: 0.60)
4. **B. Behera** (Department of Electronics and Communication Engineering)
“Finite Element Simulation and Characterization of One-Port Hetero Structured Surface Acoustic Wave Resonator,” *Taylor & Francis Ferroelectrics*, Volume 583, pp. 33-40, 26 2021, DOI:10.1080/00150193.2021.1980344. (SCI IF: 0.60)
5. **B. Behera** (Department of Electronics and Communication Engineering)
“Micro Motion of a Piezoelectric Linear Actuator driven by Liquid Interacting with Rayleigh Surface Acoustic Wave,” *Elsevier Sensors and Actuators: A. Physical*, Volume 331, 2021, 112756, pp. 1-3, ISSN 0924-4247, <https://doi.org/10.1016/j.sna.2021.112756>. (SCI IF: 3.407)