



Dr. Sindu Jones

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Education

Ph.D in condensed matter, School of Pure and Applied Physics,, Mahatma Gandhi University, India.

M.Phil in Physics, Cochin University of Science and Technology, India.

B.Ed in Physical Science, Titus II Teachers training College, Thiruvalla, India.

M.Sc Physics (Spec: Instrumentation Physics), Kerala University Campus, Kariavattom, Thiruvananthapuram

Experience

Catholicate College, Pathanamthitta- (2000-2002) FIP Substitute

Baselius College, Kottayam- (2002 onwards)

Memberships/Awards

Life Member, Academy of Physics Teachers, India..

International Journal Publications

1. **Sindu Jones** and C.S. Menon, Non-linear elastic characterization of hexagonal cadmium selenide, *Physica B*, 437:82 (2014), D.O.I:10.1016/j.physb.2013.12.038
2. **Sindu Jones** and C.S. Menon, Non-linear elastic behaviour of hexagonal cadmium sulfide single crystals, *Eur. Phys. J. B* 87:85 (2014), / D.O.I:10.1140/epjb/e2014-40903-1
3. **Sindu Jones** and C.S. Menon, Non-linear elastic effects in hexagonal silicon carbide single crystal, *Phys. Status Solidi B* 251:1186 (2014), D.O.I:10.1002/pssb. 2014510241-6
4. **Sindu Jones** and C.S. Menon, Non-linear elastic coefficients in wurtzite aluminium nitride single crystals under pressure, (communicated)

Conference Presentations

5. **Sindu Jones** and C. S. Menon, Higher order elastic constants of hexagonal silicon carbide, National Seminar on Nanoscience & Engineering, 22-23 Jan 2013, Kochi.
6. **Sindu Jones**, Non-linear elastic behavior of hexagonal aluminium nitride and gallium nitride. 25th Kerala Science Congress, 27-29 Jan, 2013, Thiruvananthapuram.

7. **Sindu Jones**, Low temperature thermal expansion of hexagonal crystals-aluminium nitride and gallium nitride. 25th Kerala Science Congress, 27-29 Jan, 2013, Thiruvananthapuram.
8. **Sindu Jones** and C. S. Menon, Acoustic vibrations in wurtzite cadmium sulfide single crystals, 4th International conference for perspective vibrational spectroscopy (ICOPVS), 6-9 Aug, 2013, Mavelikara.
9. **Sindu Jones** and C. S. Menon, Non-linear elastic constants of hexagonal cadmium selenide, 23rd Swadeshi Science Congress, 6-8 Nov, 2013, Kottayam.
10. **Sindu Jones**, C. S. Menon and S. P. Kuruvilla, Non-linear elastic coefficients in wurtzite cadmium telluride single crystals under pressure, 23rd Swadeshi Science Congress, 6-8 Nov, 2013, Kottayam.
11. **Sindu Jones** and C. S. Menon, Acoustic vibrations in hexagonal silicon carbide single crystals, 23rd Swadeshi Science Congress, 6-8 Nov, 2013, Kottayam.
12. **Sindu Jones** and C. S. Menon, Pressure derivatives of the elastic moduli of polycrystalline aggregate of hexagonal wurtzite phase of CdX (X= S, Se) semiconductors from elastic constants of single crystal pressure derivatives, 26th Kerala Science Congress, 28-31 Jan, 2014, Kozhikode.