

CURRICULUM VITAE

Dr Daljit Singh

Ph.D., M.Sc. (Physics)

Publications: 17

Conferences: 3

Seminar/Workshop/STC: 5

Teaching Experience: 13 years



PRESENT POSITION: Assistant Professor

RESEARCH AREA: Condensed Matter Physics-

BIOGRAPHICAL DATA

DOB: 29 January, 1984

Marital Status: Married

Father's Name: Sh. Jaswinder Singh

Place of Birth: Muktsar

Citizenship: Indian

EDUCATION

Ph.D in Physics "Thermodynamical properties of Group-III Nitrides"

M.Phil in Physics from Madhurai Kamraj University

B.Sc. (Non-Medical) from Panjab University, Chandigarh

TEACHING EXPERIENCE: 2 years of teaching in AIET, Faridkot

7 years of experience in GRDIET, Bathinda

4+ years in RSD college, Ferozepur City

PUBLICATION LIST:

PUBLICATIONS IN INTERNATIONAL JOURNALS/CONFERENCE PROCEEDINGS

- 1) Theoretical Study of Some Thermal Properties of Group-III Nitrides
Int. J. Appl. Engg. Res. 5 (17), 2921 (2010).
M M Sinha and Daljit Singh.
- 2) Dynamical Properties of Group-III Nitrides in cubic phase
Int. J. Sci. Engg. Res. 4(6), 2694 (2013)
Daljit Singh and M M Sinha.

- 3) Specific Heat Calculation of Nitrides AlN and GaN
Conference Proceedings (FMRA-2014)
Daljit Singh and M M Sinha
- 4) Zone Centre Mode Behavior of Ternary $\text{In}_x\text{Ga}_{1-x}\text{N}$
AIP: Conf. Proc. 1675, 030082 (2015), DOI 10.1063/1.4929298
Daljit Singh and M M Sinha
- 5) Phonon Properties of Wurtzite Phase of Group-III Nitrides
Wulfenia Journal 23(3), 41 (2016): Thomson Reuter Impact factor: 0.267
Daljit Singh and M M Sinha.
- 6) Study of vibrational modes and specific heat of wurtzite phase of BN
AIP: Conf. Proc. 1728, 020329 (2016), DOI 10.1063/1.4946380
Daljit Singh and M. M. Sinha
- 7) Zone centre Phonon Mode Behavior of cubic phase of Ternary Nitrides
Int. J. Eng. Trd. Sci. & Tech. 4(8), 5638 (2017)
Daljit Singh
- 8) Vibrational Properties of Cubic & Wurtzite Phase of Boron Nitride
Int. J. Res. Engg. in Adv. Tech. 5(4), 39 (2017)
Daljit Singh
- 9) Lattice Dynamical Properties of Wurtzite Phase of BN & InN
Int. J. Adv. Res. Trd. in Engg. & Tech 4(8), 26 (2017)
Daljit Singh
- 10) Phonon Properties of various Phases of AlN
Int. J. Adv. Res. Trd. in Engg. & Tech 4(8), 26 (2017)
Daljit Singh
- 11) Vibrational Properties of Wurtzite Phase of AlN and GaN
Int. J. Res. Appi. Sci. & Engg. Tech 5(8), 1094 (2017)
Daljit Singh
- 12) Phonon Properties of Various Phases of Gallium Nitrides
Int. J. Res. Appi. Sci. & Engg. Tech 5(8), 1649 (2017)
Daljit Singh
- 13) Phonon Properties of Boron Nitride Nanosheet

Int. J. Cur. Res. & Mod. Edu. 2 (2), 71 (2017)

Daljit Singh

14) Study of Phonon Properties of Cubic and Wurtzite Phase of InN

Int. J. Cur. Res. & Mod. Edu. 2 (2), 79 (2017)

Daljit Singh

15) Zone Centre Phonon Mode Behavior of Wurtzite Phase of Ternary Nitrides

Int. J. Res. Appi. Sci. & Engg. Tech 5(8), 2188 (2017)

Daljit Singh

16) Lattice Dynamical Properties of Magnesium Germanide (Mg₂Ge)

Int. J. Adv. Res. Trd. in Engg. & Tech 4(10), 21 (2017)

Ashwani Kumar, Harpreet Singh, Daljit Singh

PAPER PRESENTED/PUNLISHED IN NATIONAL AND INTERNATIONAL CONFRENCE

1) Lattice dynamical properties AlN and GaN in cubic phase

National Conference on advanced materials and radiation physics (AMRP-2011) during November 4-5, 2011 at SLIET, Longowal.

Daljit Singh and M M Sinha.

2) Thermodynamical Study of Group-III nitrides

National conference on recent advancements and innovations in science and engineering (RAISE-2012) GRDIET, Lehra Bega, Bathinda.

Daljit Singh, M M Sinha.

3) Specific Heat Calculation of Nitrides AlN and GaN

International conference on frontiers in material research and applications 2014 (FMRA-2014) during 30-31 Oct. (2014) at SBS STC Ferozpur.

Daljit Singh and M M Sinha

4. Zone Centre Mode Behavior of Ternary In_xGa_{1-x}N

National Conference on advanced materials and radiation physics (AMRP-2015) during March 13-14, 2015 at SLIET, Longowal.

Daljit Singh and M M Sinha

5. Study of Vibrational Modes and Specific heat of wutzite phase of BN

Internaional Confrence on Condensed Matter & Applied Physics (ICC 2015) 30-31 Oct. 2015 at , Bikaner (rajathan)

Daljit Singh and M M Sinha.

Guest Lecture / Session Chair / Invited Speaker in Conference:

Delivered Five Guest Lectures in Government College, Muktsar and in Y S Public Senior Secondary School.

Dr. Daljit Singh

Asst. Prof. (Physics)