



Dr Jayasree Das

Associate Professor in Mathematics

Department of mathematics

Chittaranjan College, Kolkata-70009

Academic Qualification

M.Sc. (Applied Mathematics), Ph.D.

Awards

NET-JRF (CSIR) 2004

Professional Experience

1. Associate Professor in Mathematics (September 2020 to now)
Chittaranjan College, Kolkata
2. Assistant Professor in Mathematics (September 2006 to September 2020)
Chittaranjan College, Kolkata
3. Assistant Teacher in Mathematics (November 2003 to September 2006)
DumDum Prachyay Bani Mandir for Girls', Kolkata

Administrative Experience

1. Governing Body Member (Teachers' Representative) (2017-Now)
2. Admission Committee Convener (2007-2022)
3. Students' Affairs In-Charge (2007-2016)
4. NAAC committee convener (2023-now)
5. Teachers' Council Secretary

Publication

1. Stability of an alternative solitary-wave solution of an ion-acoustic wave obtained from the MKdV–KdV–ZK equation in magnetized non-thermal plasma consisting of warm adiabatic ions
J Das, A Bandyopadhyay, K P Das
Journal of plasma physics 72 (4), 587-604, 2006
DOI: [10.1017/S0022377805004290](https://doi.org/10.1017/S0022377805004290)
2. Existence and stability of alternative ion-acoustic solitary wave solution of the combined MKdV-KdV-ZK equation in a magnetized nonthermal plasma consisting of warm adiabatic ions
J Das, A Bandyopadhyay, K P Das
Physics of Plasmas 14 (9), 092304, 2007
DOI: <https://doi.org/10.1063/1.2772615>
3. Alternative ion-acoustic solitary waves in magnetized plasma consisting of warm adiabatic ions and non-thermal electrons having vortex-like velocity distribution: existence and Stability
J Das, A Bandyopadhyay, K P Das
Journal of Plasma Physics 73 (6), 869-899, 2007
DOI: <https://doi.org/10.1017/S0022377806006337>
4. Ion-acoustic double layers in magnetized plasma consisting of warm adiabatic ions and non-thermal electrons having vortex-like velocity distribution: existence and stability
J Das, A Bandyopadhyay, K P Das
Journal of Plasma Physics 74 (2), 163-186, 2008
DOI: <https://doi.org/10.1017/S002237780700671X>
5. Stability of ion acoustic solitary waves in a magnetized plasma consisting of warm adiabatic ions and non-thermal electrons having vortex-like velocity distribution
J Das, A Bandyopadhyay, K P Das
Journal of Plasma Physics 80 (1), 89-112, 2014
DOI: <https://doi.org/10.1017/S0022377813001165>
6. Alternative ion acoustic solitary waves behaviour in presences of Landau damping
Jayasree Das
International Journal of Engineering, Science and Mathematics
Vol. 7 Special Issue 4(1), April 2018
DOI: http://www.ijesm.co.in/uploads/68/5366_pdf.pdf